QUARTERLY RETURN

OF

THE MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF

ENGLAND.

1852.7

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

[No. 13.

This Return comprises the Births and Deaths registered by 2190 Registrars in all the districts of England during the Winter quarter ending March 31st, 1852; and the Marriages in more than 12000 churches or chapels, about 3228 registered places of worship unconnected with the Established Church, and 623 Superintendent Registrars' offices, in the quarter that ended December 31st, 1851.

The Return of Marriages is not complete; but the defects are inconsiderable, and approximative numbers have been supplied from the records of previous years.

The general results of the Return are satisfactory; the marriages exceed the average number, the births are above, the deaths are below the average of the kingdom.

MARRIAGES.

90936 persons were married in the last quarter of the year ending December 31st, 1851. In England the greatest proportion of marriages is always celebrated in the months of September, October, November, after harvest; and the numbers in the last season not only exceeded the marriages in the previous quarters of 1851, but those in the corresponding quarters of previous years. Allowing for increase of population, the proportion of marriages was slightly less than in the autumns of 1845 and 1850, but greater than in any other autumn since 1842. One in 58 of the

MARRIAGES, BIRTHS, and DEATHS, returned in the Years 1840-52 and in the Quarters of those Years.

YEARS -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849*	1850	1851	1852
Marriages Births Deaths	122665 502303 359687	122496 512158 343847	118825 517739 349519	123818 527325 346445	132249 540763 356933	143743 543521 349366	145664 572625 390315	135845 539965 423304	138230 563059 399833	141883 578159 440853	152235 593567 369679	153740 616251 395933†	=
		17	1 100			M	ARRIA	GES.				The second	
Quarters ending the last day of March - June - September December -	26395 30786 29221 36263	24447 32551 29397 36101	25860 30043 27288 35629	25285 31113 28847 38573	26387 34268 31675 39919	29551 35300 35003 43889	31417 37111 35070 42066	27480 35197 32439 40729	28398 34721 32995 42116	28429 35844 33874 43736	30425 39018 37496 45296	32619 38498 37155 45468	
1000	A SOLD						BIRT	HS.					
March - June September - December -	132305 129059 119822 121117	133720 129884 123868 124686	135615 134096 123296 124732	136837 131279 128161 131048	143578 136941 130078 130166	143080 136853 132369 131219	145108 149450 138718 139349	146453 139072 127173 127267	139736 149760 140359 133204	153772 153693 135223 135471	144602 155727 146970 146268	157374 159138 150584 149155	161776 _ _ _
			7		-		DEAT	HS.				and and	
March - June September - December -	98896 90339 80822 89630	99069 86134 75440 83204	96314 86538 82339 84328	94926 87234 76792 87493	101024 85337 79708 90864	104664 89149 74872 80681	89484 90231 101663 108937	119672 106718 93435 103479	120032 99727 87638 92436	105871 102153 135235 97594	98607 93005 86044 92023	105446 99639 91600 99248	106682

* The numbers up to 1849 have appeared in the Annual Reports.
† Erratum in last Quarterly Return, No. 12, page 1. For 385933 deaths in 1851, read 395933.

persons living was married in 1851; or there was one marriage to every 117

persons living.

The marriages increased chiefly in London, Cornwall, Gloucestershire, Worcestershire, Warwickshire, Rutlandshire, Nottinghamshire, Lancashire, and North Wales. They declined in the Southern, South Midland, and Eastern counties; in Wiltshire and Devonshire, Cumberland, Westmoreland, and Monmouthshire. The increase was most striking in Reigate, Croydon, Maidstone, East Ashford, Faversham, Brighton, Falmouth, Taunton, Bristol, Gloucester, Wolverhampton, Birmingham, Derby, Preston, Hull, Durham.

The rate of marriage was high but stationary, or slightly declining, in Liverpool,

Manchester, Leeds, and Sheffield.

BIRTHS.

The births of 161776 children, born alive, were registered in the months of January, February, and March 1852. The number greatly exceeds the average of the season, which is generally the most prolific of the year. So many births were never registered before in the same time. London, the West Midland counties, Yorkshire, and the Northern counties exhibit the greatest excess over their ordinary average.

INCREASE OF POPULATION.

As the births registered were 161776, the deaths 106682, an addition is made to the population in 3 months of 55094 persons. This is the natural increase. During the same period an army of 57874 emigrants sailed from the ports of the United Kingdom at which there are government emigration officers; 51999 of

England: †—Annual Rate per Cent. of Marriage, Birth, and Death, during the Years 1842-52, and the Quarters of those Years.

Estimated Population of England in thousands in the middle of each Year	16123	16318	16516	16716	16919	17124	17331	17541	17754	17977		18195
YEARS	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Mean, 1842-51.	1852
Marriages - Births Deaths	•737 3•211 2•168	•759 3•232 2•123	*801 3*274 2*161	*860 3·251 2·090	·861 3·385 2·307	•793 3•153 2•472	•798 3•249 2•307	*809 3*296 2*513	· 857 3·343 2·082	*855 3*428 2*202	·813 3·282 2·243	000 000 000
					Ŋ	1ARRI	AGES.					
Quarters ending the last day of March June September - December -	•654 •749 •671 •874	*632 *767 *701 *934	*644 *834 *760 *955	*721 *849 *830 1.038	*757 *882 *822 *983	•655 •826 •751 •940	*661 *805 *755 *961	*661 *822 *766 *986	*699 *884 *837 1.009	*740 *861 *819 1.000	*682 *828 *771 *968	-
						BIRT	HS.		~			
March	3·431 3·344 3·032 3·058	3·420 3·234 3·114 3·174	3·507 3·334 3·123 3·115	3·491 3·291 3·140 3·103	3·498 3·551 3·251 3·256	3·488 3·265 2·945 2·938	3·252 3·474 3·211 3·038	3·575 3·523 3·056 3·053	3·322 3·527 3·282 3·257	3·569 3·559 3·321 3·279	3·455 3·410 3·148 3·127	3.585
						DEAT	HS.					
March June September - December -	2·436 2·158 2·025 2·067	2·373 2·149 1·866 2·119	2·467 2·077 1·913 2·175	2·554 2·144 1·776 1·908	2·157 2·144 2·382 2·545	2·850 2·506 2·163 2·389	2·794 2·313 2·005 2·108	2·462 2·341 3·057 2·199	2·265 2·106 1·922 2·049	2·391 2·228 2·020 2·182	2·475 2·217 2·113 2·174	2:364

[†] The Table may be read thus, without reference to the decimal points:—In the year 1848, to 100000 of the population of England there were 798 marriages, 3249 births, 2307 deaths registered.—The annual rates of marriage in each of the 4 quarters were '661, '805, '755, and '961 per cent.; the rates of death 2.794, 2.313, 2.005, and 2.108 per cent. In reading the population on the first line add 3 ciphers (000). The 3 months January, February, March, contain 90, in leap year 91 days; the 3 months April, May, June, 91 days; each of the 2 last quarters of the year 92 days. For this inequality a correction has been made in the calculation. It was assumed that the population increased at the same uniform rate as the females increased in 1841—51, namely 1.212 per cent. annually, or '302 quarterly. So $\frac{1}{4} \lambda r = 0013078$.

them sailed from three English ports; 8438 from London, 1798 from Plymouth, and 41763, comprising an indefinite number of the Irish people, from Liverpool. 1399 emigrants sailed from Glasgow and Greenock; 4476 from Irish ports.*

The average price of wheat during the 3 months was 40s. 10d., or 4s. higher than it was in the last three months of 1851, when more wheat was sold. The quantities of wheat and wheat flour entered for home consumption at the chief ports of Great Britain rapidly diminished in the three last periods from 91040 to 47986 and 27540 quarters weekly. The price of potatoes at the waterside market, Southwark, was 70s. a ton, and ranged from 3s. to 4s. a hundred weight. The average price of mutton by the carcase ranged from $3\frac{3}{4}d.$ to $5\frac{3}{4}d.$; and has scarcely varied for 9 months. The price of the inferior beef rose from 3d. to $3\frac{1}{4}d.$ The average price of consols was $97\frac{1}{4}.$

The AVERAGE PRICES of Consols, Wheat, Meat, and Potatoes, also the AVERAGE QUANTITY of Wheat sold and imported weekly, in the Three last Quarters ending March 31st, 1852.

Quarters	Frice		† Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	† Wheat and Wheat Flour entered for Home Consumption at Chief Ports of Great Britain.	Average of Meat 1 Leade and Newga (by the C	Potatoes (York Regents) per Ton at Waterside Market, Southwark.	
1851 Sept. 30	\mathfrak{L} $96\frac{1}{2}$	40s. 7d.	74,714	91,040	Mean 4d.		Mean 100s.
Dec. 31 1852 Mar. 31	$97\frac{7}{8}$ $97\frac{1}{4}$	36s. 7d. 40s. 10d.	95,532	47,986 27,540	Mean $4d$. $3\frac{1}{4}d$.— $5d$.	$3\frac{3}{4}d5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$ $3\frac{3}{4}d5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	Mean 70s. 60s.—80s.

[†] Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ending Sept. 30th was 971,276; for the 13 weeks ending Dec. 31st, 1,423,582; for 13 weeks ending March 31st, 1,241,921. The total number of quarters entered for Home Consumption was respectively 1,183,523; 671,803; and 358,024; the second total, however, embraces the returns of 14 weeks. The price of potatoes in the quarter ending September refers to the period during which the old supply continued.

STATE OF THE PUBLIC HEALTH.

The mortality of England is highest in the winter quarter. Notwithstanding the peculiarities of the weather, the mortality in the past winter has been considerably below the average of the season. The annual rate of mortality in the winter quarter of 1852 was 2.364 per cent., which is less by 0.111 than the mean annual rate of mortality in the 10 previous winters. To every 22 deaths in previous winters, after allowing for increase of population, there were 21 deaths in the past winter, during which, as Mr. Glaisher has shown in his valuable account of the meteorology, the temperature was 3 degrees above the average.

The health of the districts comprising chiefly small towns and country parishes was considerably above the average standard; the towns exhibited less improvement, and lost a fourth part more of the population by death than the country

districts.

^{*} From a return with which the Registrar General has been favoured by the Emigration Commissioners.

In Lonpon 14592 deaths were registered in the three months of January, February, and March; 14481 in the thirteen weeks ending March 27th. Small-pox, scarlatina, and hooping-cough prevailed to a considerable extent. Influenza, bronchitis, and pneumonia were fatal to 40, 1422, and 908 persons; whereas the deaths in the previous winter of 1851 from the same diseases were 205, 1612, and 1244. Consumption, on the other hand, was more fatal in the two last than it was in the Scurvy and purpura were only fatal to 10 persons. 527 two previous winters. persons died in the thirteen weeks of typhus. 62 women died of metria or puerperal fever; and 62 of other diseases incidental to child-bearing. 120 cases of erysipelas are recorded. Cancer is an example of great regularity in the mortality some diseases cause; in the five last winters the deaths from cancer were 222, 231, 213, 236, and 231. Deaths from diseases of the nervous system remained very uniformly the same. Diseases of the heart are returned in increasing numbers; to that cause 425 deaths were referred in 1848, and 603 in 1852. The increase is probably due to the advancement and diffusion of medical knowledge; for many of these deaths would in former years have been referred to dropsy. Nephria, or Bright's disease, has increased from the same cause. One of the most singular facts in the return is the increase of deaths by carbuncle; which from an average of about 2 rose to 17 in the quarter. 19 deaths were directly ascribed to intemperance, 29 to delirium tremens, 12 to privation, 64 to the want of breastmilk, 4 to cold, 23 to poison, 88 to burns and scalds, 76 to hanging and suffocation, 72 to drowning, 161 to fractures and contusions, 35 to wounds, and 11 to other violence.

South-Eastern Division.—The mortality has declined sensibly in Berkshire and Hampshire. In the counties of Surrey, Kent, and Sussex little or no improvement is visible. The mortality in the districts of Canterbury, Thanet, Eastry, Dover, Romney Marsh, Brighton, Chichester, Portsea Island, the Isle of Wight, and Reading was greater than in corresponding quarters of previous years. Scarlatina, small-

pox, and bronchitis have prevailed in several districts.

In the South-Midland Division the mortality in Northamptonshire increased, while it decreased in all the other counties, and more particularly in Hertfordshire, Bedfordshire, and Cambridgeshire. Measles and small-pox occurred in some districts. Scarlatina and measles were fatal to children in Northampton. In the Luton sub-district 189 births and only 77 deaths were registered. "The deaths," says the Registrar, "are a little below the average. I believe it may be accounted "for by the absence of any general epidemic, and the full employment of the

DEATHS in the Winter Quarters (January, February, March.												
	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Total 1842-51	1852
In 117 Districts, comprising the chief towns }	44903	43748	46136	49996	43850	56105	57710	51017	46066	52333	491864	52408
In 506 Districts, comprising chiefly small towns and country parishes	51411	51178	54888	54668	45634	63567	62322	55052	52541	53113	544374	54274
All England	96314	94926	101024	104664	89484	119672	120032	106069	98607	105446	1036238	106682

POPULATION; DEATHS; and MORTALITY per Cent. in the Winter Quarters of 11 Years, 1842-52.

	Population	enumerated	Deaths in 10 Winter	Annual Rate of Mortality	Annual Rate of Mortality	
	June 6-7th, 1841.	March 31st, 1851.	Quarters, 1842-51.	of 10 Winter Quarters, 1842-51.	in the Winter Quarter, 1852.	
In 117 Districts, comprising the	6,612,958	7,795,882	491,864	2.717	2.651	
In 506 Districts, comprising chiefly small towns and country parishes	9,301,190	10,126,886	544,374	2.234	2.128	
All England	15,914,148	17,922,768	1,036,238	2.475	2:364	

" labouring population, who are thus enabled to procure a good supply of the

" necessaries of life."

The health of Cambridge continues unusually good, and the mortality in the last quarter was, as has not hitherto been the case, lower than the mortality of Oxford.

Districts of	Population in 1851.	Deaths in the Winter Quarters of 5 last years.								
Cambridge Oxford	27803 20173	194	153	155 94	158 146	121				

The Registrar of St. Andrew, Cambridge, remarks that "the deaths are 10 less "than in this period last year. Several are those of persons nearly 90 years of " age, and several those of very young children. I consider there are very great " improvements in the sanatory arrangements of the town, and a great increase of " medical skill in operation upon the increasing population. Much credit is due to "the medical profession for early information of nuisances, and to the Corporation " for prompt measures to remove them."

In the Eastern Division, the mortality was near the average in Essex and below

the average in Norfolk.

It is gratifying to find that in several cases the better health of the population is ascribed to sanatory measures. The Registrar of West Wymer, Norwich, says: " My sub-district is unusually healthy, and there is no prevalent epidemic at this "time. I am of opinion that the sanatory measures which have lately been carried "into effect have had a considerable share in producing this result; at the same "time much requires to be done, and particularly as regards the low lodging-"houses of this city, which ought to be immediately placed under proper regu-"lations by the sanatory committee."

The mortality of the counties in the South-Western Division differs little from the average, but exceeds it slightly. Scarlatina, small-pox, measles, or hoopingcough prevailed in many districts of Wiltshire, Dorsetshire, Devonshire, Cornwall. and Somersetshire. The Registrar of Moretonhampstead notices that there were 21 births and 16 deaths in his district. He ascribes a decrease of 12 births to "emi-"gration, and the want of employment in agricultural districts, which causes the "inhabitants to leave for larger towns." In Plymouth, East Stonehouse, and Stoke Damerel the mortality was exceedingly high; the deaths in several sub-districts exceeded the registered births. Measles, scarlatina, small-pox, and fever prevailed to a great extent in this low region. In Crowan, Helston, the births were increased by the influx of labourers, for whom there was a great demand. In Glastonbury, Wells, the village of Street has a manufactory for shoes, slippers, mats, &c., in consequence of which the population, says the Registrar, "increases, and consists "principally of young men and women, who get married; hence arises an increase "of births over the average." The decrease of deaths in Redruth, Cornwall, is " mainly attributed to the cheapness of provisions and the full employment of the " population." Small-pox was brought to Bath by tramps from Keynsham, and would, it is believed, have spread rapidly, "had not vaccination been immediately " resorted to, and urged upon parents without delay, which checked it in time."

Small-pox has prevailed very extensively; and the provision of gratuitous vaccination for the people, by the legislature, appears to be insufficient to stem its terrible progress. Several of the Registrars, who witness its effects, urge that many lives would be annually saved,—sickness, misery, and deformity prevented,—if vaccination were enforced by law. The grounds of objection, independently of negligence and apathy, lie generally in the ignorance, often in the prejudices of the parents. These prejudices can be best and most permanently overcome by the persuasion and argument of zealous vaccinators, fortified as they will be by the experience of the neighbourhood, and such facts as the following, which cannot be

too generally known:-

"One extraordinary case," says the Registrar of Tardebigg, Bromsgrove, "which shows most strongly the advantages and importance of vaccination, has occurred in my district:—A man residing in a rural part of this neighbourhood had five children, varying from 3 to 10 years of age; three of these had been vaccinated, the other two had not. The eldest was attacked by small-pox, but had it so lightly that he was confined scarcely a single day; the two next were not affected at all with the disease—these were the three that had been vaccinated. The two youngest were seized with small-pox almost simultaneously, both died and lay dead in the house at the same time,—these were the two that had not been vaccinated."

Small-pox and typhus raged to a great extent in Nuneaton. Five of the deaths in Bulkington occurred near a place where there was a large pool of stagnant water; two of them occurred in one family, two in another, and one in a third. The Local Board of Health has now caused the pool to be drained. It would be a great progress if, satisfied with the experience of Nuneaton, the local authorities would drain all such large stagnant pools of water in the country at once, before the lives of the people living in their neighbourhood are destroyed.

In the North Midland Division the health of Lincolnshire, Nottinghamshire, and Derbyshire was better than usual. A mysterious case, which requires further investigation, is described minutely in a statement addressed to the Registrar of East Retford, which will be found in the notes. Derby suffered from small-pox.

In Lancashire and Cheshire the mortality shows a disposition to rise. Diseases of the respiratory organs prevailed in Liverpool; where two deaths from cholera, one after 3 days', and one after 12 hours' illness, were recorded. One death from cholera occurred also in Lancaster, which experienced much sickness. Typhus is at present prevalent in Slaidburn, Clitheroe; 3 deaths out of 4 cases happened in one house, a low-thatched building, almost without ventilation, and partly under ground. In well-ventilated situations the disease has assumed a milder type.

The catastrophe at Holmfirth, Huddersfield, is noticed by the Registrar, who recorded 124 births and 97 deaths in the quarter:—"On the morning of the 5th of "February, at 1h. 15m. A.M., the reservoir at Billberry in this district burst, and before 2 o'clock 81 (as nearly as I am able to ascertain) human beings perished in the rushing torrent. Of these 47, viz., 22 males and 25 females, were regis-

" tered in this district; 2 bodies are yet wanting."

Leeds and Hunslet were less healthy than usual. The births and deaths in Sheffield exceeded the average. The population is rapidly increasing. Vaccination has been greatly neglected, and in consequence small-pox has been prevalent and fatal.

In the Northern Division the mortality exceeded the average, in Durham, Northumberland, and Westmorland. At Bedlington, Morpeth, ten persons were labouring under small-pox at the same time in one house; in another, 4 had typhus, of whom 2 died. Scarlatina was exceedingly fatal in Kendal.

The deaths in Monmouthshire, North Wales, were below, in South Wales above, the average of corresponding quarters. Scarlatina prevailed in the lower part of

Shirenewton, Chepstow, where the land is low and marshy.

In Cardiff the births are considerably above the average. The deaths also exceed the average. The Registrar remarks that "the rapid increase of the "population of Cardiff, and the influx of labourers and their families induced by "the large works in progress in that town, may in part account for this excess. "Typhus has much prevailed, and has particularly affected the healthy labourers "coming into town in search of work, and going into the over-crowded and in many cases already infected lodging-houses. The easterly winds during the last 6 weeks have not been favourable to health. The population of the town of Cardiff has increased 60 per cent. since the census of 1841."

MARRIAGES Registered in the Quarters ending December 31st, 1847-51; BIRTHS and DEATHS Registered in the Quarters ending March 31st, 1848-52, in the Divisions, Countries, and Districts of England.

				1 1852	105446 106682		71 14592	8021 8392	6779 6461	5997 5951	9514 10388	12 12694	6643 648r	-	41 11388	5210 5865	6471 6737	•		85 10615	3206 3191	280 786
	DEATHS.		MARCH.	850 1851	98607 1054		12976 15071	8117 80	6676 67	6143 59	10042 95	12290 13912	6164 66	5139 17087	9724 10741	4790 52	6546 64	•	2	9345 11085	2854 32	1
	DEA	OF	MA	1849 18	105870 98		15402 1	8759		6144	9458 10		6773	16892	10932	5482	6652	•	0167	11015	3463	924
10		LAST DAY		1848	120032 1		16468	9729	8037	6308	11267	15730	8012	19348	10011	6183	7949	•		11956	3594	816
200		THE		1852	922191		21104	13571	10944	9674	14961	20326	10818	24797	02691	9032	9579	:	R	15525	4474	1105
		QUARTER ENDING		1851	157374		20327	13739	11000	1086	15052	18874	10424	24008	16278	8413	9452	:		14911	4318	1098
	BIRTHS	UARTER	MARCH.	1850	144602		18647	12664	10447	9036	13845	17566	9656	21575	14769	7847	8550		100	13584	4032	1031
	B	тив		1849	153772		19545	13481	10747	9396	15157	18742	10238	23179	15318	8474	9495	:	1	14228	4254	1063
		SRED IN		1848	139736		18484	12464	8666	8871	13480	17189	9193	20417	13967	7414	8259	:		13470	4030	984
		REGISTERED		1851	15468		7043	3597	2944	2900	3742	5767	2933	9949	4892	2064	2820	•		5353	1422	268
Section Constitution Constitution Co.	GES.		JR.	1850	45296		6386	3755	3038	3037	3708	1995	2908	6119	5103	2158	2763	:		4768	1340	278
The second second	MARRIA	Sch-whidelise and semantiment	DECEMBER.	1849	40729 42116 43736		5913	3433		3080	3687	5463	2858	6443	4809	2051	2794	•	100	4419	1261	233
The second second	MA	The state of the s	Di	1848	42116			3586	3110	3175	3693	5263	2871	6062	4259	2029	2585	:		4143	1122	218
Appropriate and a second				1847	40729		5523	3548	2887	3114	3645	5358	2639	5211	4124	2012	2668	•		4118	1157	248
SHOOT SECURITY OF THE CONTRACT OF THE CONTRACT COST		POPULATION.*	And the second s	1851	17922768		2361640	1628082	1234283	1113710	1803706	2132853	1214,621	2487351	178871	968934	1188821	•		1745095	482310	134235
NEW CONTRACTOR STATES CARDINATED		POPUL.		1841	15914148		1948369	1479863	1141542	1040616	1740032	1902125	1110203	5001902	1584116	826710	1068547	5016	100	1445023	399170	104176
		DIVISIONS.			ENGLAND	DIVISIONS.	r London	2 South Eastern	3 South Midland.	4 Eastern	5 South Western	6 West Midland	7 North Midland	8 North Western	9 York	10 Northern	II Welsh	Persons travelling by Railways and Canals	I. LONDON,	Middlesex (part of)	Surrey (part of)	Kent (part of)

* Seamen and others on board vessels in the various ports are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

			19		20 470		21000000	H 78	368 035 355 548
			185	,	242 172 10 10 10 10		742 841 869 933 1267 308 632	1821	ннючи
S.			1851	0 0	906 2342 1663 2010		773 875 839 1062 1062 342 684 1105	1756 1796 2445	1337 893 3008 1819 2457
DEATHS		MARCH.	1850		914 2331 1640 2125 1107		675 913 799 988 1132 396 704	1737 1936 2470	1301 1030 3289 1957 2465
D)	7 OF	A	1849		1004 2583 1688 2262 1222		803 960 802 974 1144 311 7772	1933	1509 880 2799 1705 2565
	LAST DAY		1848		1265 2929 1784 2466 1285		868 1075 918 1173 1432 453 840	1948 1803 2557	1718 1119 3473 1998 2959
	THE		1852	N H	1571 4221 2778 3314 1687		1169 1480 1295 1522 1919 564 1752	2985 2914 3775	2056 1431 4561 3281 3632
	ENDING		1851		1584 4283 2941 3299 1632		1130 1558 1297 1466 1956 1956 1316 1694	2977 3068 3762	1962 1485 4544 3364 3697
BIRTHS.	QUARTER	MARCH.	1850	ų n	1469 3897 2540 3255 1503		1093 1512 1256 1422 1776 1776 1208 1639	2767 2786 3483	1792 1304 4441 2937 3371
BI	тив Qu	M	1849		1529 4103 2730 3464 1655		1122 11222 12221 13522 1356 1846 1787 1758	2876 2962 3558	2002 1482 4705 3202 3766
	N		1848	0 4	3952 3952 3053 3053 1472		1339 1092 1363 1748 1748 1729	2741 2693 3437	1827 1272 4143 2886 3352
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* In the present publication the "Counties" (which may be denominated Registration Countries) comprise groups of entire Registration Districts, or Poor Law Unions; and when a District runs into two or more Counties, it has been placed with the County in which the greater part of the Population is situated; hence these groups of Districts rarely, if ever, correspond with the strict boundaries of the respective Counties named.

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A The Edmonton District (137) included the District of Hampstead down to May 1848, but the numbers here given refer to Edmonton exclusive of Hampstead (see No. 7.) for all the years.

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" The Parishes of South Bendeet and Thundersley (containing together 1062 persons in 1851) were transferred from Billericay (199) to Rochford (201) February 7th, 1848.

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283	Kingsbridge	21537	21376	32	40	32	27	34	150	189	160	185	991	153	98	III	611	98
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* The Town of Dudley is in Worcestershire, but the greater part of the population of the Dudley District (382) being located in Staffordshire, it is classed with that county.—See note page 9.

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a This district was formed Jan. 1st, 1850, by the severance of two sub-districts from Chorlton (471), which being added to the former district of Worsley, constitute the new district and Poor Law Union of "Barton-upon-Irwell."

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Wakefield b 4,5698 48 Pontefract b 28003 29 Barnsley b 30935 34 Barnsley b 29755 32 Barnsley b 29755 32 Rotherban 28785 31625 Boncaster 32402 31 Thorne 12529 13 Goole 12529 13 Selby 15102 15 Thorne 15516 15 Goole 15526 19 Selby 15502 15 York 15526 19 Howden 15565 19 Selby 15505 14 York 15505 14 Howden 15505 14 Beverley 16880 9 Skirlaugh 16880 9 Drifffeld 16828 18 Skirlaugh 16880 9 Bridlington 1366 14 Scarborou
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Wakefield b. Pontefract b. Hemsworth c. Barnsley b. Vortley b. Ecclesall Bierlow Sheffield . Rotherham Doncaster Thorne Goole . Selby . Tadcaster . 36. EAST RIDING (Vork c.) Pocklington . Beverley . Sculcoates . Hull . Beverley . Sculcoates . Hull . Bridlington . Arington . Arington . Bridlington . Bridlington . Arinsk b . Helmsley b. Fickering b . Whitby . Guisbrough . Stokesley . Northallerton b . Bedale . Leyburn . Askrigg . Reeth .
Wakefield b. Pontefract b. Hemsworth c. Barnsley b. Vortley b. Ecclesall Bierlow Sheffield . Rotherham Doncaster Thorne Goole . Selby . Tadcaster . 36. EAST RIDING (Vork c.) Pocklington . Beverley . Sculcoates . Hull . Beverley . Sculcoates . Hull . Bridlington . Arington . Arington . Bridlington . Bridlington . Arinsk b . Helmsley b. Fickering b . Whitby . Guisbrough . Stokesley . Northallerton b . Bedale . Leyburn . Askrigg . Reeth .
Wakefield b. Pontefract b. Hemsworth c. Barnsley b. Wortley b. Ecclesall Bierlov Sheffield c. Rotherham Doncaster Thorne c. Goole c. Selby c. Tadcaster. 36. East Ridder Rother c. Selby c. Tadcaster. 36. East Ridder Pocklington c. Pocklington c. Beverley c. Sculcoates Hull c. Patrington c. Bridlington c. Bridlington c. Thirsk b. Helmsley b. Fickering b. Whitby c. Guisbrough claister Bedale c. Leyburn c. Richmond c. Richmond c.

^a Ashton (474) and Oldham (475) formed one District down to March 31st, 1848, when each of the Unions of Ashton and Oldham became a separate District, b Changes have taken place in the constitution of these Districts since 1st January 1849.
^c Hemsworth (504*a*) has been constituted a district, by the severance of parishes chiefly from the Pontefract district, since 1st January 1850,

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	DISTRICTS. P(X. NORTHERN DIVISION. 38. DURHAM. Stockton. Auckland Teesdale. Weardale. Durham. Easington Houghton-le-Spring. Chester-le-Street. Sunderland 39. Northumberland. South Shields Gateshead 39. Northumberland. Tynemouth Castle Ward Haltwhistle Bellingham Morpeth Alwick Belford Berwick Glendale. Alston Aston Longtown Carlisle Rothbury. Alston Longtown Carlisle Brampton Longtown Carlisle Brampton Longtown Carlisle Brampton Longtown Carlisle Brampton Longtown Carlisle
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1888 261 70 70 43	103 106 348 183 242	262 495 135 241	92 74 98 224	105	116 92 35 66 169 70	39
257 277 30 84 40 412	110 160 466 245 334	285 559 383 332 332	135 80 104 244	145 138 243	153 124 455 163 163	53
326 340 49 101 61 292	22 4 4 5 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	413 174 461 435	229 119 154. 311	209 214 300	1444 1672 1044 1800	109
343 343 66 88 288 288	171 2009 381 381	394 195 195 491	218 126 145 267	158 170 282	146 128 74 176 176	99
900 4 8 48 900 6 5 5 5 7 7	160 175 493 209 275	313 630 147 380 303	208 113 126 271	156	128 126 68 163 163	122
320 273 54 95 314	166 234 565 223 305	200 687 1777 3577 357	208 116 140 350	193 206 337	148 151 69 100 195	150
274 222 49 49 88 59	167 167 167 100 100 100 100 100 100 100 100 100 10	222 599 191 367 332	197 115 123 274	131 179 272	145 134 63 88 172 80	151
73 130 80	29 48 157 64 118	236 236 108 143	67 47 51 120	\$6 04 88 88	0 4 4 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	2 22
75 76 14 16 16 102	29 40 164 160	285 285 446 144 105	63 50 93	62 60 81	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	12 49
26 10 10 10 14 85	157 146 125 125	117 283 63 123 113	64 38 59 104	99 19 86	24 8 2 2 L	37
84 64 64 22 22 12 94	30 61 145 83 101	78 210 61 83 115	61 39 62 100	79 53 79	£ 6 2 6 4 4 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	13
70 72 13 19 18 10 60	39 55 149 82 116	99 198 55 120 107	44 44 57 112	48 61 82	33 20 20 20 20 20 20 20 20 20 20 20 20 20	19
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35681 29988 5516 5516 7968 34832	16776 253905 25038 33057	32557 52863 21355 32626 38649	20182 14726 17128 37523	21748 19670 37139	19903 20863 9865 12875 222242 10254	8714
Cockermouth Whitehaven Bootle 41. Westworland. East Ward West Ward Kendala	XI. WELSH DIVISION. 42. Monmouthshire. Chepstow. Monmouth Abergavenny Pontypool Newport.	43. SOUTH WALES. GLAMORGANSHIRE. Cardiff Merthyr Tydfil Bridgend Neath. Swansea	75 0 0 0	Narberth	Cardigan. Newcastle-in-Emlyn. Lampeter. Aberayron Aberystwith Tregaron.	Builth
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^a A slight change has taken place in the constitution of this District since 1st January 1850.

					MARRIA		GES.			Ţ	BIRTHS	*6			A	DEATHS	τ'n	
	DISTRICTS	POPULATION.	ATION.				RE	REGISTERED	RED IN	тне С	QUARTER	R ENDING	NG THE	LAST D.	AY OF			
					DE	DECEMBER	R.				MARCH.					MARCH.		
		1841	1851	1847	1848	1849	1850	1851	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852
109	Crickhowell	17676	21674 10960	177	7.4	69	48	69	194	217	214 62	218	199	25.2	117	137	131	157
603 604 605	Preste Knigh Rhaya	15739 9315 6722	15140 9480 6796	15	24 13 11	15	30 10 11	20	500	75	94 65 63	96 73 61	79 61	39	85 50 43	84 32 23	448 45	72 29 24
	44. NORTH WALES.		,															
909	Monrgomeryshire. Machynleth	12307	12167	0 0	ısı	200	% % %	77	200	9,0	88	96	8	70	19	18	56	65
609	Montgomery	20983	20372	3000	42.8	3000	3,000	322	1901	153	1114	125	134	0 m =	122	119	92 70	100
019	Holywell	40798	41053	94	56	180	70	71	238	289	275	289	299	257	221	188	252	237
611 612 613 613	Wrexl Ruthin St. As Llanr	39558 16609 23547 12322	42295 16758 25289 12478	108 29 56 17	106 27 41 19	103	106 26 41 21	104 39 49 23	316 102 124 92	339 118 128 111	296 1,11 124 98	344 114 131 104	335 112 188 88	326 108 180 80	274 106 141 96	214 90 140 92	246 78 129 55	246 84 141 71
615 616 617 617 618	Corw Bala Dolg Festi	15089 6953 13211 15460	15409 6736 12915 16182	37,00	20 14 18 32	322 62	27 20 19 61 64	22 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	30 67 108	90 84 85 133	84 42 87 1117	92 37 87 120	81 30 94 123	80 100 105	78 60 106	82 232 447 19	4 4 0 % c	79 26 70 105
619 620 621 621	Pwlll Carni Bang Conv	21637 28509 25901 10706	21792 30444 30805 11627	38 601 30	87.22 1 83.25 1 83.25	47779	H 100 H	04882	210 231 86	144 236 249 86	135 216 273 94	162 237 270 70	145 256 227 67	129 180 169 62	182 182 175 75	210 211	13.6 13.6 14.7 17.4	108 201 182 47
623	Anglesey	38106	43248	IOI	100	901	00 10	811	290	301	297	308	299	288	173	263	201	231

A TABLE OF THE DEATHS IN LONDON FROM ALL CAUSES,

Registered in the March Quarters of the 5 Years 1848 to 1852.

CAUSES OF DEATH.	Q	uarter	s endir	ıg Maı	ch	CAUSES OF DEATH.	Qı	ıarters	endin	g Mar	ch;
	1848	1849	1850	1851	1852		1848	1849	1850	1851	1852
All Causes		15438 15331		15410 15323	14481 14399	IV. Cephalitis Apoplexy Paralysis	138 364 326	145 314 326 41	135 376 366 21	138 314 280 30	160 296 316
I. Zymotic Diseases	4203	4120	2126	2999	2702	Delirium Tremens Chorea	39 2 91	1 94	7 75	2 82	29 3 82
Sporadic Diseases: II. Dropsy, Cancer, and other Diseases of uncertain or Variable Seat	576	643	606	631	605	Tetanus Insanity	$ \begin{array}{c} 1 \\ 31 \\ 634 \\ 160 \end{array} $	5 22 561 178	19 482 153	7 32 572 177	6 28 551 154
III. Tubercular Diseases IV. Diseases of the Brain, Spi-)	2585	2282	2226	2472	2588	Disease of Brain, &c V. Pericarditis	36	31	32	47	33
nal Marrow, Nerves and Senses	1786	1687	1638	1634	1625	Aneurism	15 425	20 472	24 488	20 5 9 8	19 603
V. Diseases of the Heart and Blood Vessels VI. Diseases of the Lungs and	476	523	544	665	655	Laryngitis	46 1342	69 1271	54 1284	73 1612	67 1422
of the other Organs of Respiration VII. Diseases of the Stomach,	3357	2986	2802	3522	2840	Pleurisy	62 1416 317	49 1202 270	41 1011 300	71 1244 383	39 908 266
Liver, and other Organs of Digestion VIII, Diseases of the Kidneys,	856	792	763	815	819	Disease of Lungs, &c VII. Teething	174	125 150	112	139	138 178
IX. Childbirth, Diseases of	181	164 123	165 122	156 106	194 112	Quinsey Gastritis	35 31	26 20 101	17 28	18 18	8 19
the Uterus, &c { X. Rheumatism, Diseases of the Bones, Joints, &c }	83	121	101	109	110	Enteritis	123 74 34	62	88 57 30	87 54 33	83 65 32
XI. Diseases of the Skin, Cellular Tissue, &c	22	15	24	22	40	Ulceration of Intestines, &c. Hernia	38 33	26 39 23	23 37	27 40	34 46
XII. Malformations	301	48 301	43 320	42 390	50 391	Illeus	35 8	16	30 13	30	27 10
XIV. Atrophy	339 744	282 662	277 690	283 686	300 676	Canal)	6 95	79	14 76	9 64	10 84
XVI. Sudden*	184	167	234 455	218 573	127 565	Disease of Pancreas Hepatitis Jaundice	$\begin{array}{c} 1 \\ 52 \\ 31 \end{array}$	49 44	44 30	55 40	39 42
I.					***	Disease of Liver Disease of Spleen	123	129	134	131	138
Small Pox	388 465 615	228 173 776	95 303 199	275 363 206	389 151 366	Nephritis Nephria (or Bright's Disease,	7	7	6	9	7
Hooping Cough	374 90	905 77	442 79	781 109	539 97	see Disease of Kidneys) -	} 41 1	25 2	34	40	46
Thrush	40 244 44	38 284 42	25 207 43	34 223 30	34 225 28	Diabetes	15 8 11	10 10 8	10 12 7	9 4 12	13 5 14
Cholera	578	516 53	8 38	7 205	13 40	Stricture of the Urethra - Disease of Kidneys, &c	13 85	93	13 81	12 65	13 93
Ague	23 7 19	16 6 19	8 3 20	9 3 32	10 7 25	Paramenia	4 16	5 16	4 16	3 8	3 12
Infantile Fevert Typhus	18 922	699	11 404	18 521	14 527	Childbirth, see Metria Disease of Uterus, &c	67 42	64 38	66 36	65 30	62
Metria or Puerperal Fever, see Childbirth Rheumatic Fever, see Rheumatism	19	112	60 21	47 19	62 18	Arthritis Rheumatism	1 40	1 66	3 60	3 60	8 60
Erysipelas	196	137 22 5	119 32 8	81 32 4	120 36 1	Disease of Joints, &c XI. Carbuncle	42	54	38	3	17
Hydrophobia	î		1	-		Phlegmon Disease of Skin, &c XVII.	5 13	3 11	7 15	5 14	9 14
Hæmorrhage	198	248	214		63 220	Intemperance	17 18	21 13	18	23 13	19 12
Abscess	31 16 6		30 12 3	24 21 7	17 12 3	Want of Breast Milk, see Privation and Atrophy -	45	28	40	56 1	64
Mortification	58 222	60 231	59 213	56 236	231	Cold, see Privation	4 29	4 15	1 20	4 29	4 23
Gout	10	8	20	11	15	Burns and Scalds Hanging, &c	77 56 53	76 36 66	106 45 48	100 71 70	88 76
Scrofula	233	74 198	72 158	87 175	131 198	Fractures and Contusions -	139 33	114 26	139 19	163 34	72 161 35
Phthisis or Consumption Hydrocephalus	1873 390	1630 380	1626 370	1792 418	1811 448	Other Violence Causes not specified	14 89	16 107	9 83	87	11 82

Note.—The first 13 weeks of 1852, constituting the March quarter in the Weekly Tables of Mortality, ended March 27th, in which 14481 deaths were registered. In the quarter ending March 31st (p.7), 14592 deaths were registered.

^{*} Under the head of sudden deaths are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the coroner in vague terms, such as "found dead," "natural causes," &c. &c.

[†] In the years previous to 1848, "worms" and "infantile fever" were classed together. The former, of rare occurrence, is now placed to Diseases of stomach, &c.

On the Meteorology of England, South of Scotland, and parts of Ireland, during the Quarter ending March 31st, 1852. By James Glaisher, Esq., F.R.S., Sec. of the British Meteorological

Till February 9th the mean daily temperatures were above their average values, at times to the amount of 10°, 11°, and 12°; the average daily excess for the period was 4°.4; the direction of the wind was chiefly S.W., and rain fell on 23 days. From February 10th to the end of the quarter the temperature was generally below its average value, though seldom to a large amount, the average daily defect was 1°1; the direction of the wind was mostly N.E., the sky cloudless, and rain fell on 6 days only, and to small amounts. During the period from February 20th to March 22d the reading of the barometer was almost continuously very high; on March 6th the reading reduced to the level of the sea was as high as 30.8. The weather from the middle of February was distinguished by being unusually fine, cold, the almost total absence of rain, and the air dry and harsh. eegtation has been subjected to a temperature below 32° on 70 nights during the quarter.

The mean temperature of the air at Greenwich for the quarter ending February, constituting the

3 winter months, was 41° 1, being 4° 2 above the average of 80 years.

					Tempe	rature o	f				Electi	Force		ght of
1852.		Air.	An So.	Evapor	ration.	Dew	Point.		r— Range.			pour.		ur in a Foot Air.
MONTHS.	Mean.	Diff. from ave- rage of 80 years.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.	Mean.	Diff. from ave-rage of 11 years.	Mean.	Diff. from average of 11 years.	Water of the Thames.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.
Jan. Feb.	0 42.0 40.8 41.3	0 +6:3 +2:6 +0:4	-0.9 +4.4 +1.6 -0.9	39·2 38·3 38·2	10 +2·4 +0·4 +1·8	0 35.6 34.6 33.9	+0.6 -1.0 -2.3	11·4 12·2 18·6	0 +2.8 +1.8 +5.0	0 40'7 41'3 41'9	in. *230 *221 *210	in. + 008 - 008 - 024	gr. 2.7 2.6 2.5	gr. +0'1 -0'1 -0'2
Mean .	41.4	+3.1	+1.7	38*6	+1.2	34.7	-0.9	14.1	+3.2	41°3°	*220	008	2°6	-0.1
	č	gree of didity.	Rea Baror	of S		ht of a Foot Air.	Ra	in.	Daily Hori-	1	-20 20	ermome	eter on G	lrass.
1852, Months.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Amount.	Diff. from ave- rage of 11 years.	zontal move- ment of the Air.		Be- tween 320 and 400	Above 400	Low- est Read- ing at Night.	High- est Read- ing at Night.
Jan. Feb. March	*847 *879 *810	- · 049 · 000 - · 019	in. 29°589 29°857 30°007	in. - 174 + 059 + 319	gr. 543 *549 [551]	gr. - 7 0 + 5	in. 3°6 0°9 0°2	in. +1.8 -0.7 -1.4	Miles. 160 160 100	22° 20° 28	682	3 1 1	0 21°5 12°0 11°5	45°4 40°0 43°0
Mean .	*845	-•023	29.818	+.071	548	- 1	Sum.	Sum0*3	140	Sum.	Sum.	Sum.	* *	

NOTE.—In reading this table it will be borne in mind that the sign (-) minus signifies below the average, and that the sign

Thunderstorms occurred, or thunder was heard and lightning seen, on 9th January at Grantham; on the 14th at Holkham; on the 22d at Jersey, Guernsey, Helston, and Falmouth; on the 24th at Aylesbury; on the 25th at Helston, Falmouth, Hartwell Rectory, and Whitehaven; on 3d February at Glasgow; and on the 8th at Guernsey and Highfield House.

Thunder was heard, but lightning was not seen, on 16th January at Roscommon; on the 25th at Truro; on the 30th at Dunino; and on 21st March at Whitehaven.

Lightning was seen, but thunder was not heard, on 6th and 9th January at Aylesbury; on the 11th at Helston; on the 22d at Helston and Norwich; on the 25th at Rose Hill, Thame, Linslade, and Cardington; on 8th February at Torquay and Cardington; on the 18th at Cardington, Highfield House, and Hawarden; and on the 25th at Hatton.

Hail fell on the 3d January at Holkham and Highfield House; on the 4th at Hartwell Rectory and Hawarden; on the 7th at Highfield House and Stonyhurst; on the 9th at Guernsey, Helston, Falmouth, Uckfield, Hartwell Rectory, Grantham, and Hawarden; on the 11th at Thame and Whitehaven; on the 15th at Roscommon; on the 16th at Whitehaven; on the 21st at Ennis and North Shields; on the 22d at Jersey, Guernsey, Falmouth, Uckfield, Highfield House, Hawarden, Longford, and Strokestown; on the 23d at Jersey, Falmouth, and Ennis; on the 24th at Ennis; on the 25th at Hatton, Ennis, Stonyhurst, and Whitehaven; on the 26th at Guernsey and Ennis; on the 27th at Falmouth; on the 29th at Ennis; on the 30th at Ennis and Strokestown; and on the 31st at Hawarden; on the 3d of February at Jersey and Whitehaven; on the 6th at Thame, Bedford, and Hawarden; on the 7th at Hatton; on the 9th at Jersey, Guernsey, Helston, Falmouth, Torquay, Hartwell Rectory, Highfield House, and Hawarden; on the 10th at Uckfield, St. John's Wood, Highfield House, and North Shields; on the 16th at North Shields; on the 17th at St. John's Wood; on the 18th at Guernsey, Falmouth, Torquay, Uckfield, Hartwell Rectory, and Hawarden; on the 19th at Jersey, Guernsey, Helston, Falmouth, Torquay, and Hawarden; on the 20th at Falmouth; on the 22d and 27th at Truro; and on the 28th at St. John's Wood, Bedford, Highfield House, North Shields, and Dunino; on the 1st March at Cardington, Bedford, and Hawarden; on the 2d at Holkham and North Shields; on the 3d at Highfield House and Wakefield; on the 9th and 19th at Truro; on the 24th at North Shields; on the 25th at Highfield House and North Shields; on the 27th at Durham and Dunino.

Shields; on the 26th at Hawarden and North Shields; and on the 27th at Durham and Dunino.

Fog was prevalent on the 3d January at Hartwell Rectory; on the 10th and 11th at Durham; on the 12th at Cardington and Durham; on the 13th at Durham; on the 14th at Hartwell Rectory and Durham; on the 18th at Hartwell Rectory and Linslade; on the 19th at Hartwell Rectory; on the 20th at Durham and North Shields; on the 26th at Hartwell Rectory; on the 27th at Linslade; on the 29th, 30th, and 31st at Durham; on the 14th of February at Hartwell Rectory; and on the 21st at Durham; on the 7th March at Durham and North Shields; on the 8th at Gainsborough, Durham, and North Shields; on the 9th at Hartwell Rectory, Gainsborough, and North Shields; on the 12th at Durham; on

the 18th at Hartwell Rectory and Durham; and on the 20th at Durham.

Auroræ were seen on the 4th January at North Shields and Dunino; on the 17th at Durham; on the 20th at Falmouth; on the 21st at Aylesbury and Durham; on the 22d at Hartwell Rectory; on the 23d at Hatton, Oxford, Hartwell Rectory, Cardington, Grantham, Hawarden, Gainsborough, Durham, and Dunino: on the 25th at Hawarden, Manchester, Stonyhurst, Durham, and Dunino; on 30th at Rose Hill, Thame, and North Shields; on the 31st at Dunino; on the 4th February at High-field House; on the 15th at many places between the latitudes of 51° and 55°; on the 16th at Dunino; on the 17th at Highfield House, Durham, and North Shields; on the 18th at many places between the latitude of 50° and 57°; on the 19th at many places between the latitudes of 49° and 57°; on the 20th at Helston and Norwich; on the 21st at Helston, Grantham, Highfield House, Gainsborough, Wakefield, Stonyhurst, Whitehaven, Durham, and Glasgow; on the 22d at Highfield House; on the 23d at Stonyhurst and Durham; on the 25th and 26th at Highfield House; on the 27th at Durham, North Shields, and Dunino; on the 28th at Aylesbury; on the 2d and 5th March at Highfield House; and on the 31st at Stonyhurst. On many of these days the magnets have been greatly disturbed, and the needles of the electric telegraph have frequently been much deflected.

Snow fell on the 4th January at Highfield House and Hawarden; on the 8th at Aylesbury, Strokestown, and Dunino; on the 9th between the latitudes of 51° and 55°, and in Ireland; on the 10th at Highfield House, Hawarden, Roscommon, and York; on the 11th at Durham and Glasgow; on the 26th at Hawarden; and on the 31st at Thame, Linslade, and Hawarden; on the 3d February at Glasgow and Dunino; on the 9th, 10th, 12th, 13th, 14th, and 18th between the latitudes of 51° and 55°; on the 19th at Jersey, Helston, Truro, Norwich, Holkham, and North Shields; on the 26th at Falmouth, Holkham, and Norwich; on the 21st at Ennis; on the 23d at Glasgow; on the 26th at St. John's Wood, Rose Hill, Aylesbury, Hawarden, North Shields, and Dunino; on the 27th at Thame, Hartwell Rectory, Aylesbury, and Linslade; on the 28th at Hartwell Rectory, Holkham, Stonyhurst, and North Shields; and on the 29th at Holkham and Dunino; on the 1st March at Rose Hill, Holkham, Whitehaven, Durham, and North Shields; on the 2d at Thame, Hartwell Rectory, Bedford, Durham, and North Shields; on the 3d at Norwich, Grantham, York, Durham, and North Shields; on the 23d at Norwich; on the 25th at Grantham, Durham, and North Shields; on the 26th at Uckfield, Thame, Grantham, Highfield House, Manchester, Wakefield, Stonyhurst, Durham, North Shields; on the 27th at Grantham, Highfield House, Manchester, Wakefield, Stonyhurst, Durham, North Shields, and Glasgow. These falls have generally been very small in amount.

Rain at Truro on the 3d of January was 1 o in.; on the 13th was 1 o in.; on the 22d was 0 o in.; and on the 25th was 0 o in; on the 9th of February was 0 o in.; and on the 29th of March was 0 o in. At Thame on the 13th of January was 1 in. At Rose Hill on the 12th of January was 1 in.; and between the 10th and 16th of January was 2 in. At Manchester on the 8th of January was 0 in.; on the 4th of February was 1 in.; and on the 8th was 0 in. At North Shields on the 10th of January was 0 in. At Glasgow on the 9th of January was 1 o in.; and on the 22d was 1 in. At Dunino on the 8th of January, in 12 hours, was 1 o in. At Ennis on the 22d of January was 1 o in.; on the 24th was 0 in.; and in the month was 8 in.; on the 5th of February was 1 in.; and in the month was 4 in.; and in March the fall was 1 o in. At Longford on the 3d of January 0 o in.; and 4 in. was collected in the month. At Strokestown, Ireland, on the 3d of January was 1 in.; on the 11th was 0 in.; on the 16th was 0 in.; on the 20th was 0 o in.; on the 21st was 2 o in.; on the 30th was 0 in.; on the 31st was 0 in.; and the whole fall in the month was 12 o in.; on the 30th was 0 in.; on the 31st was 0 in.; and the whole fall in the month was 12 o in.;

The mean reading of the barometer in February exceeded that in January at all places, the difference increasing with increase of latitude; that in March was either less or of nearly the same value as in February at extreme southern places, but was greater at all other stations, the largest differences occurring at northern latitudes. The difference of mean reading between January and March at southern places was about 0.2, whilst at northern places it was as large as 0.7 and

o.8 inch.

At Nottingham the young wheat looks well. Other grain crops have been sown favourably. The spring is very backward. Grass has not commenced growing. There is a good promise of all kinds of fruit.

NAMES OF THE PLACES.	to the level of	Air. Highest Reading of the	Lowest Reading of the Thermometer.	re. Monthly Range of	Range of Temperature in the Quarter. Mean Temperature of	Temperature of the	estimated th.	WIND. General Direction.	Mean Amount of Cloud.	Which it fell.	apour	additional Weight of to saturate a cubic Air.	Mean degree of Humidity.	Mean whole Amount of Water in a vertical column of Atmosphere.	Veig Air.	of Cistern of the eter above the level
	reduced Sea.	1 002 5	Lowest Readin Thermometer	perature. Mean Monthl Temperature	Range of Te	Mean Temp Dew Point	Mean esti Strength.		Mean A	Number of which it i	Mean W	Mean a required foot of A	Mean de	Mean Water of Atm	Mean V	Height of Barometer of the Sea.
Hartwell Rectory - Aylesbury Linslade Cardington Bedford Norwich Grantham Holkham Highfield House - Hawarden - Gainsborough - Manchester - Wakefield Prison -	29*816 4: 29*7714. 29*774-4: 29*774-4: 29*774-3: 29*7774-29*7814: 29*77814: 29*77814: 29*77814: 29*7782-29*77814: 29*7814: 29*7814: 29*782-4: 29*7	4*1 58*6 3*9 67*0 4*8 66*0 3*5 55*0 4*8 66*0 3*5 55*0 1*9 64*2 1*9 64*2 1*3 466*5 0*8 66*7 0*8 66*7 0*1 66*0 0*7 59*0 0*7 66*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0 0*7 59*0	31 0 16 33 5 8 30 7 129 0 12 29 0 12 29 0 12 21 9 12 29 0 12 21 9 12 29 0 12 20 0 12 21 9 12 20 0 12 22 5 12 22 0 15 27 0 12 20 0 14 19 0 14 19 0 14 19 0 14 19 0 14 19 0 14 19 0 14 19 0 15 15 27 0 9 24 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 19 0 15 27 0 15	3 · 0 20 · 7 · 2 · 3 20 · 9 · 2 · 3 29 · 0 · 2 · 3 29 · 0 · 2 · 3 29 · 0 · 2 · 3 20 · 0 · 2 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 3 · 4 · 3 · 5 · 3 · 4 · 3 · 5 · 2 · 3 · 3 · 4 · 3 · 3 · 7 · 5 · 3 · 3 · 4 · 3 · 5 · 1 · 3 · 3 · 4 · 3 · 5 · 2 · 3 · 5 · 1 · 3 · 3 · 4 · 3 · 5 · 2 · 3 · 5 · 1 · 3 · 3 · 4 · 3 · 5 · 6 · 3 · 5 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 3 · 5 · 2 · 5 · 5 · 3 · 7 · 7 · 6 · 3 · 8 · 3 · 5 · 2 · 9 · 6 · 2 · 5 · 5 · 5 · 3 · 7 · 7 · 6 · 3 · 5 · 2 · 9 · 7 · 6 · 3 · 5 · 2 · 9 · 7 · 6 · 3 · 5 · 2 · 9 · 7 · 6 · 3 · 5 · 2 · 9 · 7 · 6 · 3 · 5 · 2 · 9 · 7 · 6 · 2 · 5 · 5 · 5 · 4 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 5 · 6 · 2 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 5 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 · 2 · 7 · 7 · 6 ·	40	2 39.77 1 40.6 1 38.5 937.4 2 237.0 3 4.8 937.0 3 4.3 3 4.7 3 4.8 3 3.6 3 3.7 3 4.8 3 3.6 3 3.7 3 4.8 3 3.7 3 4.8 3 3.7 3 4.8 3 3.7 3 4.8 3 3.7 3 4.8 3 3.7 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	0.8	W.S.W. & E.N.E. S.W. & N.E. S.	5.0 5.2 6.1 7.1 5.9 5.6 5.7 5.9 5.6 6.6 6.3 6.3 6.6 6.3 6.6 6.3 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 1.6 6.7 6.7 6.7 6.7 6.7 6.7 6.7 6	in 7 38 44 10 44 10 44 10 44 10 32 7 7 36 5 37 7 7 38 4 35 6 31 5 33 6 31 4 34 35 6 31 5 33 6 31 4 3 3 4 3 3 4 3 3 4 3 3	3 · 1 · 2 · 9 · 8 · 8 · 6 · 6 · 8 · 6 · 6 · 6 · 6 · 6	0.55 0.7 0.6 0.6 0.5 0.5 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.7 0.6 0.6 0.6 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0°852 0°862 0°863 0°863 0°809 0°844 0°755 0°774 0°916 0°851 0°852 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853 0°853	in. 3.56 3.7 3.4 3.3 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.2 3.4 3.4 3.2 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4	gr. 548 546 546 549 551 548 545 545 545 545 545 545 545 545 545	feet. 85 123 106 120 55 160 110 150 23 60 189 96 77 150 — 270 230 290 294 313 100 100 39 110 39 110 30 137 115 381 50 90 90 137 115 381 50 90 90 121 250

The mean of the numbers in the first column is 29'741 inches, and it represents that portion of the reading of the barometer due to the pressure of air; the remaining portion, or that due to the pressure of water, is 0'227 inch; the sum of those two numbers is 29'968 inches, and it represents the mean reading of the barometer for the quarter at the level of the sea.

The highest readings of the thermometer in air were 74° at Manchester and Wakefield, and 72° at Uckfield. The lowest readings were 17° at Uckfield, and 18° at Aylesbury. The least daily ranges of temperature took place at Torquay and Whitehaven; and the greatest at Aylesbury and Uckfield.

Rain fell on the least number of days at Ryde, Thame, York, and Enfield; and on the greatest number at North Shields, Wakefield, Linslade, Helston, and Glasgow. The least falls took place at Durham, Whitehaven, York, and Gainsborough, and the mean amount at those places is 3'3 inches. The largest falls occurred at Stonyhurst, Glasgow, Truro, Falmouth, and Helston, and their average was 11'7 inches.

QUARTERLY METEOROLOGICAL TABLE for different Parallels of Latitude.

PARALLELS OF LATITUDE, &c.	Mean Temperature of the Air. Mean of Highest Readings of the Thermometer	an of Lowest Reading the Thermometer. Frage Daily Range of	ge Monthly Kar perature. ge Quarterly I	Mean Temperature of Evaporation. Mean Temperature of the Dew Point.	Mean Amount of Cloud.	Average Number of Bayes. Average fall.	Mean Weight of Vapour in a cubic foot of Air.	Mean additional Weight required to saturate a cubic foot of Air.	Mean degree of Humidity.	or in a vertical columnosphere. Weight of a cub	Mean Height above the Sea level.
In the Counties of Cornwall and Devonshire South of latitude 51° Between the latitudes of 51° and 52° Between the latitudes of 52° and 53° Between the latitudes of 53° and 54° Whitehaven Durham and North Shields Glasgow and Dunino	40°5 66°2 40°0 67°8 39°9 69°3 40°7 59°6 40°0 64°3	1 22.6 15.0 8 2 21.2 14.3 8 5 20.1 13.5 8 3 23.7 13.3 8 0 25.5 7.6 9 7 25.8 8.7 9	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	38 4 35 2 37 9 34 5 37 9 34 9 39 6 38 1 37 5 35 6	6.4 5.7 5.6 6.1 6.4 	[32] 9'4 37 7'7' 34 5'6 48 5'8 37 8'0 44 2'9 47 2'9 38 9'2	gr. 3°0 2°6 2°6 2°6 2°6 2°7 2°6	0.6 0.5 0.6 0.5 0.2 0.3	0°835 0°829 0°828 0°830 0°838 0°838 0°895 0°863	3°5 56 3°1 56 3°3 56 3°0 56 3°1 56 3°1 56	feet. feet.

In the formation of this Table the results from Jersey and Guernsey have not been combined, on account of the great difference in the ranges of temperature between these two places. For the same reason, those from Ryde and Ventnor have not been combined. The former place has a S. and S.S.E. exposure, with sand and chalk; the latter has a N. and E. exposure, and a clay soil.

The Observations have been reduced to Mean values, and the Hygrometrical results have been deduced — from Glaisher's Tables. MONTHLY METEOROLOGICAL TABLE FOR THE QUARTER ENDING MARCH 31st, 1852.

heal	dsomit of Atmosp				539 548 547		541 548 549	541 547 550	546 550 550	546 548 541	548 553 551	544 550 551	546 551 552	543 549 551
7	on A solow need year a mi retail to	in.	0000 040	00 00 00 00 00 00	4000	1 1 1	0000 0000	0000	80 80 81 41 41 60	3.3.2	0.00	\$ 60 60 4 60 0	8.0.0	20.02
	Mean Degree of Humidity.		.918 .842 .795	.859 .850	.914 .872 .840	1 1 1	.839 .800 .781	.861 .795	.899 .790	. 754 . 815 . 859	868 853 825 825 825	.8553 786	.843 .824 .721	.847 .879 .810
07	Alean additio Weight required saturate a cu foot of Air.	gr.	0.00	000	8.0 0.0	111	2.00		0.00	0.0	4.00	4.00.7	0.0	0.4
jo oidi	Mean Weight Vapour in a cu foot of Air,	gr.	0000 0000	0000	2000 2010	1.1.1	1000 1000		2000		2000 2004		0000 754	22.6
Rain.	Amount col-	ii.	4. 1.0 2. 1.0	5.4 1.0 1.0	6.5	1.25	7.8	7.1 1.1 4.1	5.4 1.0 0.7	0.8	111	5.9 1.3 0.7	1.6	0.00
- A	Cloud. Number of Days it fell,		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25 3 10 4 4	9 27 5 14 7	4 5 23 15 3 6 15 9	3 24 9 7		202	222	111	6 24 6 11 6 2	20 17	10 3
	Jusen Amount		10 co co	70,704			01010	1 1 1	6°10	1 1 1	1 1 1	कं कं कं	50 to 10	111
Wind.	.noitsetion.		W. & S.W. N.E. & N.W. N.E. & S.E.	S.W. & N.W. N.W. & S.W. N.E.	S.W. W. & N.E. E.	S. & W. N. & N.E. E.	S.S.W. W. & N.E. E.	N. S.	KE, E	N.E. & N.W. E. & S.E.	Z E.E.	S.W.	S.W.	N.E.
	Estimated Strength.		0.00 0.00	1001	00 M M	1.4	0.0	1000 1000	000	111	111	990	0.00	111
Mean Tem- perature of	Dew Point.	0	41.9 38.2 37.2	41.5 39.1 38.5	43.7 39.4 38.8	111	40.6 37.7 37.2	35.8 35.8 35.6	38°6 38°4 34°0	41°3 37°9 36°8	36°0 34°8 33°7	38°8 37°1 35°1	36.4 34.1 32.4	33.0 38.0 33.0
Mean perati	Evaporation.	0	43.4 44.0 40.9	43°7 41°7 41°2	45°2 42°3 41°7	1 1 1	43.6 41.4 41.2	43°3 39°7 39°7	40.4 42.2 38.0	111	111	40°7 39°8 39°1	39.4 37.9 37.9	88 89 88 89 88 89
and a second	Mean Daily Range.	0	9.6 9.0 14.0	8.00	12.6	12.2	13.0 12.2 13.0	8.4 7.1 7.0	13.4 13.1 15.3	7.7 8.7 11.4	11.5	14.3 13.0 16.1	12.8 13.8 21.7	11.4 12.2 18.6
	Mean of all the Lowest.	0	40.0 39.5 37.6	41.3 40.6 40.1	40.6 38.4 41.0	40.1 38.4 39.9	0.888.888	40.7 38.2 39.4	34.6 34.0 33.1	41.8 39.2 39.0	34.7 34.7 30.0	33°2 36°2 35°1	35°1 33°9 31°3	36°5 35°3 32°1
г.	Mean of all the Highest.	0	49.6 48.5 51.6	49.5 47.6 48.7	53.2 51.6 52.1	52.3	51.6 50.2 51.3	49°1 45°3 46°4	48.0 47.1 48.4	49°5 47°9 50°4	46.2 46.1 50.0	49.5 49.2 51.2	47.9 47.7 53.0	47.9
the Air.	Range in the Month.	0	25.0 28.0 36.0	20.5 19.5 22.0	25.0 28.0 34.0	26.0 27.0 35.0	30.0 31.0 37.0	22.0 23.0 21.0	27.1 33.8 44.2	22.0 29.0 33.0	25.0 31.0 89.0	25.8 28.1 37.4	32.0 41.0 51.0	27.4 32.5 47.1
Temperature of the	Lowest.	0	31.0 31.0 31.0	34.5	35.0 33.0 33.0	30.0	27.0 26.0 29.0	33.0 32.0 34.0	25.9 21.9 25.8	32.0 29.0 31.0	27.0 24.0 26.0	28.5 27.5 26.8	23.0 17.0 21.0	28.1 24.9 21.3
mpera	Highest.	0	56.0 54.0 67.0	55.0 53.0 58.5	57.0 57.0 67.0	56.0 57.0 66.0	57.0 57.0 66.0	55°0 55°0 55°0	53.0 55.7 70.0	54.0 58.0 64.0	52.0 55.0 65.0	54.0 55.6 64.2	55.0 58.0 72.0	55°5 57°4 68°4
Te	Adopted.	0	45.1	45°4 43°6 43°2	46.4 44.5 43.9	46.3 44.5 44.5	45°9 44°3 44°3	45°2 42°5 42°7	41.7 41.5 40.8	1.1.1	40.2 40.0 39.0	42.0 41.8 42.0	41.5 40.5 41.9	40.8 40.8 41.3
	From Self- registering Therm.	0	43.6 43.6	45.2	46.7 44.6 43.3	46.0 44.6 44.7	44.6 43.7 43.8	44.7	41.1 40.1 39.7	45.7 43.6 44.7	40.2 40.0 39.0	42.1 42.1	41.3 40.4 41.2	42.1 41.0 41.3
	From Dry Bulb Ther- mometer.	0	44.4 42.7 43.8	45°6 43°5 43°0	46°2 44°5 44°6	46°6 44°5 44°4	47°2 44°7 44°8	45°7 48°5 48°5	45°0 42°3 42°9	1 1 1	111	42.0 41.2 42.0	41.6 40.5 42.6	41.9 40.8 41.3
the	Range of Barome Readings in Month.	in.	1.140 1.156 1.358	1.194 1.162 1.413	1.210 1.266 1.591	1.230 1.250 1.560	1.220 1.240 1.520	1.220	1.254 1.226 1.504	1.290 1.320 1.440	1.270 1.410 1.440	1.285 1.348 1.551	1.170 1.380 1.370	1.288 1.511 1.560
	Water or Elas- tic Force of Vapour.	in.	. 2883 . 258 . 258	.278 .256 .251	.304 .259	111	.243 .238	. 272 . 228 . 226	.252 .250 .215	.234	.231 .219 .210	. 252 . 237 . 223	.234 .214 .202	.230 .221 .210
Mean Pressure of	Air and Water, or Mean Read- ing of the Ba- rometer,	in.	29.832 30.059 30.040	29.720 29.985 29.983	29.671 30.030 29.981	29.650 30.010 29.980	29.728 30.101 30.067	29.720 30.130 30.040	29.742 29.965 30.062	29.737 29.992 30.063	29.785 30.035 30.139	29.696 29.966 30.059	29.615 29.837 29.977	29.589 29.857 30.007
Year 1859			Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.	Jan. Feb. Mar.
	NAMES of STATIONS and OBSERVERS.		JERSEY, REV. S. KING, F.R.A.S., M.B.M.S.	GUERNSEY, Dr. Hoskins, F.R.S., M.B.M.S.	HELSTON, M. P. MOXLE, ESQ.	FALMOUTH, Lovel Squire, Esq.	TRURO, Dr. C. Barham.	TORQUAY, ESQ.	RYDE, BENJAMIN BARROW, ESQ., M.B.M.S.	VENTNOR, ISLE OF WIGHT, Dr. MARTIN.	CHICHESTER, WM. HILLS, ESQ.	SOUTHAMPTON, J. Drew, Esq., Ph. D., M.B.M.S.	UCKFIELD, CHARLES PRINCE, ESQ., M.B.M.S.	ROYAL OBSERVATORY, THE ASTRONOMER ROYAL.

The position of the instruments at Ryde and at Ventuor were examined by Mr. Glaisher during the past quarter. Chichester:—The character of the barometer at Chichester is not known, and no further use is made of these readings. Uckfield:—February rain is mentioned as having fallen on one day only, which is evidently erroneous: the readings of the barometer have been reduced by 0.129 for assumed Index error. Royal Observatory:—The form of instrument adopted during the past quarter for maximum temperature is that of Negretti and Zambra, which is found to act admirably.

or for for for for for for for for for f	Direction. Mean Amount Cloud. Cloud. Aumber of Days it fell. Amount col- lected. Mean Weight required saturate a culting foot of Air. Mean addition of Air. Mean bolt of Air.	T
of bic to of the	Mean Amount Choud. Lumber of Days it fell. Mean Weight Vapour in a cu foot of Air. Weight required Weight required foot of Air. Mean Degree saturate a cu foot of Air. Mean Degree	W. W
Rain. of bic to bic bic bic bic	Mean Amount Cloud. Lumber of Days it fell. Amount col- lected. Mean Weight Vapour in a cu foot of Air. Mean additio Weight required saturate a cu foot of Air. Mean Degree Incomplete the column of Air. Mean Degree Mean Degree Incomplete the cu man addition of Air.	W. W
Rain of ot lan	Mean Amount Cloud. Lumber of Days if fell. Amount col- lected. Mean Weight Vapour in a cu foot of Air. Weight required Weight required	W. W
Rain. of	Mean Amount Cloud. Lumber of Days it fell. Amount col- lected. Mean Weight Mean weight	W
-	Mean Amount Cloud. Cloud titfell.	. W
-	Mean Amount Cloud.	
_ lo	Mean Amount	
	.noitestion.	
Wind.		
1_	stimated Strength.	
Tem-	Dew Point.	○ \$\frac{\partial}{\partial}\$\partial
Mean Ten perature	Evaporation.	0.3118.828.888.888.8888.8888.888.888.88.88.88
	Mean Daily Range.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Mean of all the Lowest.	0 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
r.	Mean of all the Highest.	0. 445.444.46
the Air.	Range in the Month.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
erature of the	Lowest.	888224882
	Highest.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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NAMES of STATIONS and OBSERVERS.	HOLKHAM, S. SHELLABEAR, ESQ., M.B. M.S., Assistant to the EARL of LEICESTER. HIGHFIELD HOUSE, M.B. M.S. HAWARDEN, DR. MOFFAT, F.R. A.S., M.B. M.S. GAINSBOROUGH, T. DYSON, ESQ., M.B. M.S. GEORGE V. VERNON, ESQ., M.B. M.S. GEORGE V. VERNON, ESQ., M.B. M.S. LEEDS, HENRY DENNY, ESQ. STONYHURST, REV. J. CLARE. YORK, JOHN FORD, ESQ. WHITEHAVEN, JOHN FORD, ESQ. WHITEHAVEN, G. MURAS, ESQ. M.B. M.S. NEWCASTLE, G. MURAS, ESQ. M.B. M.S. NEWCASTLE, G. MURAS, ESQ. M.B. M.S. DURHAM, R. C. CARRINGTON, ESQ., M.B. M.S. GLASGOW, M.B. M.S. DUNINO, DAVID TENNANT, ESQ., M.B. M.S.
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Note.—The barometers at Guernsey, Truro, Ryde, Ventnor, Chiswell Street, St. John's Wood, Rose Hill, Thame, Stone, Hartwell Rectory, Linslade, Cardington, Grantham, Holkham, Hawarden, Gainsborough, Leeds, Stonyhurst, York, Whitehaven, and Glasgow were made by Barrow, and examined by Mr. Glaisher; that at Jersey was made by Troughton and Simms, and examined by Mr. Glaisher; at Helston, by Mr. Moyle; at Torquay, by Carsatelli; it is not a good instrument; at Southampton, Norwich, Highfield House, and Wakefield, by Newman; at Bedford, by Harris; at Manchester, by Dancer. The thermometers are placed for the most part placed the soil. The exceptions are fruro, at the top of a building 40 feet high; and antiside a window is not good. The receiving surfaces of the range gauges are for the most part placed near the soil; the exceptions are Guernsey, 47 feet; Chiswell Street, 50 feet; Rose Hill, 7 feet 9 inches. At Oxford, 22 feet; the amount collected was 6.0 inches. At Oxford, 22 feet; the amount was 5.7 inches. At Cardington, 86 feet; the amount was 5.9 inches. And at Highfield House, 25 feet; the amount was 5.9 inches.

REGISTRARS' NOTES.

In compliance with the following instruction, remarks have in many instances been appended by the Registrars to their Returns; from which the following Notes have been selected. alone must be considered responsible for the opinions which they express.

INSTRUCTION TO REGISTRARS:-

"If at any time the Deaths or Births registered during the quarter have been above or below the average, state whether Epidemics, such as Measles, Typhus, Cholera, &c. have prevailed in the Sub-district,—or if there is any other fact in the character of the weather, sanitary arrangements, movement of the population, &c., which will account for the circumstance."

The figures refer to the number of the District and Sub-District. The name of the District is in SMALL CAPITALS, that of the Sub-district in *italics*.

II. SOUTH-EASTERN DIVISION. 1. SURREY (part of).

39; 1. Guildford; Woking.—Births 38; Deaths 27. Scarlatina and typhus have been more prevalent than usual; and more deaths have been registered from diseases of the respiratory organs than in any quarter for several years.

40; I. FARNHAM; Frimley.—Births 18; Deaths 17. In the early part of the quarter scarlatina prevailed to a very alarming extent; 7 out of the above deaths were from that disease.

43. I. Dorking; Capel.—Births 47; Deaths 19. The present return is remarkable for the large number of births which have occurred within the quarter, while the deaths are above an average, in consequence of the prevalence of influenza and measles, which gave rise to pneumonia in many instances, and proved fatal to young, delicately constituted children, aided apparently in a great degree by the long continuance of very keen north-easterly winds.

3. Sussex.

85; 2. Brighton; St. Peter's.—Births 356; Deaths 256. Small-pox has prevailed to a con-

88; 2. Petworth; Petworth.—Births 33; Deaths 35. The deaths exceed the average. Scarla-

tina has prevailed in the sub-district, and proved fatal in six cases.

89; 1. Thakeham; Pulborough.—Births 36; Deaths 34. The births and deaths are both, but especially the latter, in remarkable excess. For the increased number of the former I can offer no probable cause, but the deaths have been augmented by the continued prevalence in this sub-district of typhus, scarlatina, pertussis, and bronchial inflammations, with a most remarkable tendency to terminate in dropsy as a fatal symptom. Twenty of the deaths are those of children not exceeding ten years of age.

4. Hampshire.

96; 1. PORTSEA ISLAND; Kingston.—Births 185; Deaths 140. Deaths exceed by 10 those of the corresponding quarter of 1851. The increase is among the aged; the prevalence of pneumonia and other inflammations having had a tendency to cut off persons suffering under the infirmities of years. There have been 20 deaths between the ages of 70 and 80, and 9 above 80 years. The workhouse containing nearly 900 inmates has been unusually healthy.

97; 1. ALVERSTOKE; Alverstoke,—Births 138; Deaths 99. Compared with those of the two preceding quarters there is a decrease of 22 per cent. on the deaths, which may be attributed to the dry wholesome weather prevailing during the last two weeks of February and the month of

98; 2. FAREHAM; Titchfield.—Births 50; Deaths 38. Increase of deaths from measles and bronchitis, the result of very cold easterly winds and want of care in the early part of the disease

among the poorer classes.

99; 2. ISLE OF WIGHT; Newport.—Births 116; Deaths 105. The deaths are 50 per cent. above the number of the corresponding quarter of 1851, and 36 per cent. above the average of corresponding quarters of the seven preceding years. Scarlatina, phthisis, and bronchitis have prevailed; the greatest mortality has been amongst the very old and the very young.

III. SOUTH MIDLAND DIVISION. 6. MIDDLESEX (part of).

135; 1. Hendon; Harrow.—Births 32; Deaths 28. Six cases of scarlatina occurred in the hamlet of Greenhill during the quarter. Two of the cases are supposed to have been brought from Edinburgh, and 3 occurred afterwards in consequence.

7. HERTFORDSHIRE.

138; 3. Ware; Ware.—Births 47; Deaths 33. There has been great prevalence of bronchitis and pneumonia during the latter part of this quarter, owing to the long continuance of easterly winds. Several cases of measles have also occurred; but there has been no remarkable difference in the mortality.

140; 2. Royston; Royston.—Births 90; Deaths 42. Typhus prevails at Heydon in the sub-

district still, and has done so all the past quarter.

144; 1. St. Alban's; Harpenden.—Births 80; Deaths 39. Measles has been and continues very prevalent in the sub-district, but only 5 deaths have occurred. 4 women died from puerperal fever.

8. Buckinghamshire.

148; 2. Amersham; Chesham.—Births 68; Deaths 42. There has been more than ordinary sickness and death this quarter. The deaths from typhoid fever are 10, p thisis 7, hooping-cough and croup 4, cholera (English) 1.
150; 1. WYCOMBE; High Wycombe.—Births 107; Deaths 56. Deaths above the average, 7 were

from small-pox.

151; 4. AYLESBURY; Waddesdon.—Births 52; Deaths 34.—The deaths are more than in last quarter. Small-pox and fever have visited the district, but very few cases have yet terminated fatally.

10. NORTHAMPTONSHIRE.

168; 2. All Saints; Northampton.—Births 120; Deaths 98. Deaths above the average, from scarlatina and measles amongst children.

171; 2. Wellingborough; Higham Ferrers.—Births 67; Deaths 34. Sub-district at present very healthy, probab y to some extent from the dry weather, and the absence of the usual Nen floods.

174; 1. Oundle; Oundle.—Births 58; Deaths 28. Deaths below the average, although measles

has been very prevalent, and was fatal in 4 cases.

175; 2. Peterboro'; Peterboro'.—Births 115; Deaths 96. The deaths are above the average, owing to the prevalence of measles.

12. Bedfordshire.

181; 3. Ampthill; Cranfield.—Births 35; Deaths 17. Eight cases of small-pox occurred at Marston Moretaine from contagion, but all the patients recovered. 7 were natural, and one after

184; 2. Luton; Luton.—Births 189; Deaths 77. The deaths are a little below the average. I believe it may be accounted for by the absence of any general epidemic, and the full employment of the labouring population, who are thus enabled to procure a good supply of the necessaries

13. CAMBRIDGESHIRE.

187; 3. Cambridge; St. Andrew the Great.—Births 39; Deaths 27.—The deaths are 10 less than in this period last year. Several are those of persons nearly 90 years of age, and several those of very young children. I consider there are very great improvements in the sanatory arrangements of the town, and a great increase of medical skill in operation upon the increasing population. Much credit is due to the medical profession for early information of nuisances, and to the Corporation for prompt measures to remove them.

188; 3. Linton; Balsham.—Births 33; Deaths 23. We have had a number of cases of scarlatina, but none fatal. Influenza has been very prevalent at West Wratting.

189; 1. Newmarket; Cheveley.—Births 37; Deaths 48. The increase of deaths is owing to the prevalence of typhus at Kirtling, 15 cases having proved fatal there, and 3 elsewhere.

IV. EASTERN DIVISION.—14. Essex.

194; 2. West Ham; West Ham.—Births 100; Deaths 53. Scarlatina has prevailed in the district during the past quarter, and has increased the number of deaths.

195; 2. Epping; Epping.—Births 53; Deaths 78. Measles and hooping-cough have raised the deaths to more than double the average.

-196; 2. Ongar; Chipping Ongar.—Births 59; Deaths 38. Deaths above the average. Smallpox has been prevalent in several parishes, but its progress was arrested by vaccination and the attention of the medical profession. There have been 3 fatal cases of the disease, 2 of which are stated to have occurred after vaccination, but at an early period of life.

197; 4. HORNCHURCH; Hornchurch.—Births 55; Deaths 30. Scarlatina has been the prevailing disease amongst children this quarter. There was catarrhal fever degenerating into pneumonic

symptoms. Cold east winds, but very dry weather, prevailed.
202; 4. Maldon; St. Peter.—Births 65; Deaths 49. Hooping-cough has been very fatal with

children, and there were many cases of typhus.

208; 3. Braintree; Braintree.—Births 55; Deaths 33. The last has been a very unhealthy quarter throughout my district, chiefly from rheumatism and influenza. Black Notley has suffered from typhus. The births and deaths are a fair average for the population, perhaps a little in excess.

15. Suffolk.

212; 3. Sudbury.—Births 82; Deaths 56. Scarlatina is prevalent and has caused several deaths within the last month; but owing to the healthy state of the district during the early part of the quarter (only 9 deaths having been registered in January), the present return exhibits no

remarkable deviation from the average of corresponding quarters in former years.

214; 3. IXWORTH; Thingoe.—Births 50; Deaths 55. The deaths are nearly double the average of corresponding quarters of former years; scarlatina, measles, and hooping-cough have prevailed;

in some of the parishes small-pox, typhus, &c.
215; 1. Bury Saint Edmunds; Bury Saint Edmunds.—Births 115; Deaths 91. Deaths above the average arising from the cold north-east winds which have affected the very old and the very young.

227; 1. MUTFORD; Kessingland.—Births 49; Deaths 24. 6 deaths occurred from scarlatina maligna; a child 3 months old died from small-pox and hooping-cough.

227; 2. MUTFORD; Lowestoft.—Births 82; Deaths 75. Measles, scarlatina, and small-pox, especially the last, have prevailed extensively in the district.

16. NORFOLK.

228; 2. GREAT YARMOUTH; Northern.—Births 123; Deaths 147. The number of deaths is greater by 25 than that of the corresponding quarter of 1851, when scarlatina prevailed. Scarlatina still prevails and numbers 9 cases; measles 24. Children and old people have been the chief sufferers.

230; I. Tunstead; Ludham.—Births 36; Deaths 39. Scarlatina has much prevailed, and with

consumption has raised the mortality above the average.

234; 5. Norwich; West Wymer.—Births 151; Deaths 104. My sub-district is unusually healthy, and there is no prevalent epidemic at this time. I am of opinion that the sanatory measures which have lately been carried into effect have had a considerable share in producing this effect; at the same time much requires to be done, and particularly as regards the low lodging-houses of this

city, which ought to be immediately placed under proper regulations by the sanatory committee.

237; I. BLOFIELD; Blofield.—Births 32; Deaths 48. The number of deaths is above the average. Both measles and hooping-cough have been epidemic in this district during the past 3 months, and from the former cause 4 deaths are registered. No less than 14 deaths have been registered of persons above the age of 60 years, of whom 9 had attained or exceeded the age of 80. During a considerable portion of this quarter northerly and north-easterly winds have prevailed.

244; 3. Docking,—Births 47; Deaths 32. Scarlatina and inflammation of lungs prevailed at the beginning of the quarter; district now more healthy.

249; 2. THETFORD; Thetford.—Births 63; Deaths 69. There has been above an average number of deaths from hooping-cough and scarlatina among children.

V. SOUTH-WESTERN DIVISION.—17. WILTSHIRE.

250; 1. Highworth; *Highworth*.—Births 63; Deaths 48. Scarlatina and typhus have been prevalent in some parts of this district, and bronchitis and pneumonia during the late cold weather.

253; 4. CHIPPENHAM; Christian Malford.—Births 26; Deaths 20. The deaths are above the

average, fever having prevailed in several parts of the sub-district.

255; I. Marlborough; Marlborough.—Births 106; Deaths 57. Illness has been frequent in this district, the effect (according to medical men) of the cold easterly winds which have been so prevalent during the quarter; 7 deaths occurred from fever, 9 from phthisis.
256; 4. Devizes; Devizes.—Births 53; Deaths 63. The increase of deaths may be accounted

for by the number (18) registered at the two asylums; also in part of the district fever was pre-

valent, and 4 cases proved fatal.

262; 2. Amesbury; Amesbury.—Births 31; Deaths 28. 13 deaths only took place in the mild moist months of January and February; March came in very cold and dry, with keen easterly winds, and by the 31st added 15 more to the list.

18. Dorsetshire.

271; 3. WIMBORNE; Wimborne.—Births 28; Deaths 51. 15 deaths from measles.
272; 2. Poole; Poole.—Births 72; Deaths 74 Scarlatina still continues; 11 deaths from that cause were registered in this quarter; it appears frequently in a malignant form, and death has ensued in 24 hours, though in the great majority of cases the patients recover.

274; 2. WEYMOUTH; Weymouth.—Births 75; Deaths 44. The deaths are 8 below the average

The weather has been favourable to health, and some sanatory arrangements have been made. 276; 3. Sherborne; Bradford Abbas.—Births 35; Deaths 27. Measles and hooping-cough have been prevalent, but appear to have nearly subsided.

19. DEVONSHIRE.

279; 1. AXMINSTER; Lyme.—Births 39; Deaths 39. Measles has prevailed, with some few cases of typhus, which will account for the deaths being above the average.
281; 2. St. Thomas; Exmouth.—Births 64; Deaths 51. Hooping-cough, measles, and inflam-

mation of the bronchi have been prevalent; 15 deaths were from these diseases.

282; 2. EXETER; St. David.—Births 114; Deaths 92. The deaths have been above the average.

The mortality great among children, 35 of whom died under 2 years. Diseases of the respiratory

organs very prevalent.
283; 3. Newton Abbot; Moretonhampstead.—Births 21; Deaths 16. It will be seen that the births are 12 less than in the corresponding quarter of last year, though the deaths are but one less. The decrease of births is, I think, owing to emigration and the want of employment in agricultural

districts, which causes the inhabitants to leave for larger towns.

287; 1. Plymouth; Charles the Martyr.—Births 159; Deaths 201. The mortality is greatly in excess of that of any corresponding quarter, arising from the prevalence of small-pox and measles. The numbers registered from these disorders have been: small-pox 59 (a very large proportion unvaccinated), and measles 28. Among the causes of death are also scarlatina and fever, which were fatal in 15 cases.

287; 2. Plymouth; St. Andrew.—Births 300; Deaths 281. The mortality of the past quarter has exceeded the average. Small-pox and measles (of which a few cases are reported in my note for the previous quarter) have been prevalent. The following tabular statement shows the progress of these diseases during the last 3 months, and also the number of deaths from other causes that have

	January:	February.	March.	Total.	
Small-pox Measles Scarlatina Fever Consumption Bronchitis Pneumonia Old Age Other Causes	5 5 1 5 8 8 4 5 40	13 12 2 3 8 10 4 32	21 21 3 7 14 9 4 36	39 38 4 8 18 30 23 13 108	Thirty of these cases of small-pox are stated to be "not vaccinated;" the remaining 9 uncertain.
All Causes	81	84	116	281	

288; 1. East Stonehouse; East Stonehouse.—Births 113; Deaths 124. There has been above the average number of deaths arising from measles.

289; 1. STOKE DAMEREL; St. Aubyn.—Births 45; Deaths 63. Measles, scarlatina, and pneumonia have prevailed in this neighbourhood to a very great extent, and have carried off a large number of persons, principally children. I have registered this quarter 13 more deaths than in any

corresponding quarter. 289; 2. STOKE DAMEREL; Clowance.—Births 82; Deaths 97. The deaths have been twenty per cent, above the average. Measles and scarlatina were the principal epidemics. A third of the deaths

were caused by the former.

289; 3. Stoke Damerel; Morice.—Births 59; Deaths 91. The deaths (as will be perceived) are about double the average in this district; and of the total number 49 were from scarlatina or measles, followed by pneumonia, while 66 were of children under 10 years of age. In one family 3 children out of 4 fell victims to the scourge. In another case the same child has had typhus, measles, and scarlatina in succession, the last attack being fatal. The deaths registered in January were 20, February 29, March 42. Dense fogs prevailed about the middle of February, and on the 11th of that month 6 deaths occurred. The first three weeks of March dry easterly winds prevailed, and on the case of that month I was called on to register no less than 8 deaths. and on the 22d of that month I was called on to register no less than 8 deaths.

297; 3. BIDEFORD; Parkham.—Births 20; Deaths 15. In January scarlatina raged in Parkham,

which I attribute to bad sanatory arrangements.

20. CORNWALL.

303; 4. LISKEARD; Lerrin.—Births 38; Deaths 28. As regards the deaths, there have been 2 from diarrhœa and 4 from scarlatina. The mortality at Polperro is somewhat abated, particularly

since the limekiln has been burning.

307; 3. TRURO; St. Agnes.—Births 81; Deaths 64. The deaths are a little above the average. Hooping-cough, scarlatina, and typhus have been severe among children, and many deaths arose from natural decay. The latter circumstance may be clearly accounted for by the unusual prevalence of easterly winds. There were but two days of rain in the quarter; the temperature of the air during

the same time was about 45° mean.
307; 4. Truro; St. Clement.—Births 93; Deaths 56. Of the deaths 6 were from small-pox.
308; 2. Falmouth; Falmouth.—Births 83; Deaths 50. A seaman aged 24 years having smallpox was landed from a vessel in the harbour, and died within three days afterwards; previously to

this the disease had not appeared in the district, but shortly after several cases occurred, though

there were none fatal. One death registered from malignant scarlatina.

309; 5. Helston; Crowan.—Births 45; Deaths 25. The births are above the average, in consequence of many persons from different parishes coming hither to reside, there being great demand for labourers.

310; 2. REDRUTH; Redruth.—Births 110; Deaths 49. The deaths are 6 below the number of the same period in last year; the decrease is mainly to be attributed to the cheapness of provisions and the full employment of the population, and also to the almost entire absence of epidemic diseases.

310; 4. Redruth; Camborne.—Births 136; Deaths 76. The number of deaths is considerably above the average, the increase being chiefly attributable to the mortality from diseases of the respiratory organs, owing to the prevalence throughout a great portion of the quarter of very cold easterly winds. 16 deaths are owing to phthisis alone and 12 to other affections of the chest. 12 deaths have also been registered from small-pox, all occurring in children under 8 years of age, except one case in an adult; in all of them, however, vaccination had been entirely neglected. The number of births is also above the average.

311; I. Penzance; Uny Lelant.—Births 90; Deaths 50. The deaths are about the average; 7 were from small-pox without previous vaccination, one from the same disease after vaccination.

311; 4. Penzance; Penzance.—Births 142; Deaths 147. The deaths are again considerably above the average, which is chiefly accounted for by 18 ascribed to small-pox, 12 to scarlatina, and 6 to fever. I am happy to say that small-pox has almost, if not entirely, disappeared, and scarlatina is less frequent.

311; 5. Penzance; St. Just-in-Penwith.—Births 131; Deaths 110. Deaths are considerably above the average, owing chicfly to small-pox, from which 55 deaths occurred; 42 to persons not vaccinated, 5 to those vaccinated, and 8 where the circumstance is not known. Small-pox still reigns, but is not fatal in many cases.

21. Somersetshire.

319; 3. Yeovil; Martock.—Births 58; Deaths 41. Bronchitis, measles, and hooping-cough are the chief diseases that have prevailed during the quarter, but they did not prove very fatal, as the deaths are about the average.

319; 5. Yeovil; Ilchester.—Births 17; Deaths 12. The population generally healthy now, but

probably the late cold and wet weather has carried off rather more of old people than usual.

323; 2. Wells; Glastonbury.—Births 105; Deaths 55. The village of Street has a manufactory for shoes, slippers, mats, &c., in consequence of which the population increases, and consists principally of young men and women, who get married; hence arises an increase of births over the

average.

326; 5. Bath; Walcot.—Births 77; Deaths 63.—The deaths are upwards of 30 below the average of the corresponding quarters of the 4 preceding years. There has been a decrease in the winter quarter of each succeeding year. In 1848 the number was 110; 1849, 102; 1850, 94; 1851,

76; 1852, 63. Hooping-cough was prevalent in the months of January and February, and 2 deaths were registered from this cause. There have been a few cases of scarlatina, but only 2 deaths from it. 326; 6. Bath; Lansdown.—Births 96; Deaths 95. The births are above the average, or 12 more than the corresponding quarter of last year; the deaths also are above the average, which may be attributed to the long continuance of easterly wind, accelerating pulmonary affections. Amongst the deaths registered are scarlatina one, pertussis one, synochus one, rheumatic fever one, and smallpox, in 2 of which the persons had never been vaccinated, and were tramps from Keynsham, where it had prevailed. The third case was that of a young woman who had been vaccinated when young, and had one cicatrix. I think it right to state my conviction that small-pox would have prevailed to a great extent upon its introduction by the tramps, had not vaccination been immediately resorted to, and urged upon parents without delay, which checked it in time. It is to be regretted that so much prejudice and ignorance, if not wilful neglect, amongst the poor and illiterate, still continue to prevent vaccination. If it were enforced by the legislature many lives would be annually saved, besides the mitigation and prevention of sickness, with its misery and deformity. At present it is only through great entreaty, patience, argument, and giving much time to it that the public vaccinator succeeds at all.

VI. WEST MIDLAND DIVISION.—22. GLOUCESTERSHIRE.

329; 3. Bristol; St. Paul — Births 177; Deaths 108. The deaths have not exceeded the average; but measles, with pneumonitis and scarlatina, has been prevalent. The births of the quarter are far above those of any corresponding period that I remember. I can offer no probable solution of the fact.

330; 3. CLIFTON; St. George.—Births 76; Deaths 58. The deaths are above the quarterly average; measles, scarlatina, and typhus have prevailed; and owing to the long continuance of easterly wind diseases of the chest have been numerous and fatal with children under six years of age. Among the aged who have died is Abel Hibbs, 91 years of age, believed to be the last survivor of the ill-fated Royal George.

330; 4. CLIFTON; St. Philip and Jacob.—Births 305; Deaths 170. Measles very prevalent. 336; 2. GLOUCESTER; St. Nicholas.—Births 82; Deaths 64. The births and deaths are a little above the average, apparently from an increase in the population, in consequence of so much railway work going on in the neighbourhood.

338; 4. Stroud; Stroud.—Births 80; Deaths 76. My district has been visited by severe

attacks of scarlatina and synochus, and a few cases of typhus.

338; 5. Stroud; Rodborough.—Births 49; Deaths 49. I have registered double the number of deaths this quarter. Scarlatina has prevailed to a very great extent, and 13 cases were fatal.

338; 7. Stroud; Horsley.—Births 46; Deaths 38. Deaths above the average, owing to the

prevalence of scarlatina.

342; 2. Stow-on-the-Wold; Stow-on-the-Wold.—Births 36; Deaths 24. I have at the present

time 6 cases of small-pox. The paupers in this district resist vaccination.

343; 2. Winchcomb; Cleeve.—Births 44; Deaths 38. Scarlatina has been prevalent in part of my district, viz., the Township of Cleeve and Hamlet of Woodmancote, and has been fatal to several children.

345; 3. TEWKESBURY; Tewkesbury.—Births 80; Deaths 60. 17 births and 10 deaths more than the average. Fever has prevailed, and 11 persons died, 6 from scarlatina, and 5 from typhus and other fever.

23. HEREFORDSHIRE.

348; 4. Hereford; Hereford City.—Births 86; Deaths 75. Small-pox is commencing, having been introduced from Birmingham. Measles and hooping-cough have proved fatal in some few cases amongst children, and bronchitis has been fatal with elderly people.

24. SHROPSHIRE.

358; 2. Madeley.—Births 91; Deaths 72. Deaths rather above the average, owing to small-pox and measles.

363; 2. Wem; Prees.—Births 34; Deaths 26. The deaths are more than the average, owing to 3 cases of typhus, 3 of scarlatina, and 3 children being accidentally burnt to death.

25. Staffordshire.

367; I. Stafford.—Births 127; Deaths 126. Small-pox has prevailed to a very great extent, and 28 deaths have been registered from that disease in the last 3 months, in only one

of which fatal cases had the person been protected by vaccination, so far as I could ascertain.

370; 3. Wolstanton; Burslem.—Births 247; Deaths 116. The births are 88 above the average of the last five corresponding quarters, and 35 above the largest number ever registered in this sub-district in any one quarter. Deaths are 18 below the average of the last five corresponding quarters. Of these 5 are attributed to croup, one to drinking spirits, one to diarrhea, 2 to typhus, one to scarlatina, several to diseases attending childbirth, one to enteritis, many to debility and convulsions, and the great majority to diseases of the respiratory organs.

373; 1. CHEADLE; Alton.—Births 18; Deaths 19. The deaths are rather more than usual,

which may be owing to several cases of fever having occurred in my district.

380; 4. Walsall; Aldridge.—Births 70; Deaths 44. There are more deaths than in any preceding quarter, scarlatina and typhus being prevalent in Rushall and Walsall Wood.
382; 3. Dudley; Sedgley.—Births 413; Deaths 170. The births are 93 above the average, and

14 more than in the corresponding quarter of 1851; the deaths are 16 below the average.

382; 4. Dudley.—Births 485; Deaths 174. The deaths are considerably below the average, and less by 130 than in the corresponding quarter of last year.

26. Worcestershire.

383; 2. Stourbridge.—Births 200; Deaths 138. Deaths from fever 8, small-

pox 16, pneumonia 13.

392; 3. Bromsgrove; Tardebigg.—Births 74; Deaths 62. The deaths are about 20 above the average, and this increase arises from small-pox, which has prevailed in this district for upwards of six months. In the present quarter the deaths from this disease are 21. Seventeen of these were of persons who had not been vaccinated. One extraordinary case, which shows most strongly the advantages and importance of vaccination, has occurred in my district:—A man residing in a rural part of this neighbourhood had 5 children, varying from 3 to 10 years of age; 3 of these had been vaccinated, the other 2 had not. The eldest was attacked by small-pox, but had it so lightly that he was confined scarcely a single day; the two next were not affected at all with the disease—these were the 3 that had been vaccinated. The 2 youngest were seized with small-pox almost simultaneously, both died and lay dead in the house at the same time,—these were the 2 that had not been vaccinated.

27. WARWICKSHIRE.

394; 3. BIRMINGHAM; St. Martin.—Births 266; Deaths 170. The births are considerably above the average, which may be attributed to an increase of new buildings in this district during the last year. Small-pox has been prevalent, and fatal in 16 cases, of which not more than 2 or 3 had been previously vaccinated.

394; 6. BIRMINGHAM; St. Paul.—Births 89; Deaths 61. The deaths appear to be rather less,

owing to the quantity of building taken down for railway purposes.

394; 8. Birmingham; St. George.—Births 414; Deaths 268. Small-pox 10 deaths; scarlatina 1; typhus 4; hooping-cough 9; English cholera 1.

395; 4. Aston; Sutton Coldfield.—Births 31; Deaths 24. The deaths are less by 7 than in the corresponding quarter of last year. There have been 7 from small-pox without previous vaccination, none after vaccination.

398; 1. Nuneaton; Nuneaton.—Births 141; Deaths 110. The deaths considerably exceed the average. Small-pox and typhus raged to a great extent, there having been 20 fatal cases of smallpox and 10 of typhus. The mortality amongst the aged has also been very great, there having been about 20 persons who died varying in age from 70 years to one centenarian 103 years. The localities where the deaths from small-pox and typhus occurred will be seen when the returns are made to the office; but I cannot refrain from stating with regard to those from typhus in the parish of Bulkington that 5 occurred near a place where there was a large pool of stagnant water, called the Sand Pit, viz., the old workhouse; the Local Board of Health have caused the pit to be drained, which will, I trust, stop the progress of the disease. Of these 5 cases 2 occurred in one family, 2 in another, and one in another. Three other cases of typhus have been fatal in one family in Nuneaton.

403; 1. Warwick; Budbrooke.—Births 37; Deaths 25. The births are above the average owing to movement of the population, &c.; the deaths are also above the average, typhus having prevailed

in my district, particularly in the parish of Norton Lindsey.

VII. NORTH MIDLAND DIVISION.—28. Leicestershire.

414; 3. ASHBY-DE-LA-ZOUCH; Ashby-de-la-Zouch.—Births 70; Deaths 57. Deaths above the

average. Hooping-cough, typhus, and influenza prevailed.

415; 2. LOUGHBOROUGH; Loughborough.—Births 165; Deaths 130. The mortality is great, which I attribute principally to the prevalence of a cold north-east wind, there having been several cases of pneumonia and bronchitis, some of the latter having terminated in typhus.

416; 3. Barrow-upon-Soar; Rothley.—Births 41; Deaths 43. Scarlatina has prevailed among children, especially in Belgrave; 11 deaths from it occurred in that parish in the quarter.

416; 4. Barrow-upon-Soar; Syston.—Births 55; Deaths 45. Deaths considerably above the average owing still to scarlatina (now much abated). Children have suffered from pneumonia.

30. LINCOLNSHIRE.

425; 4. Boston; Boston.—Births 179; Deaths 108. The deaths are increased in consequence

of hooping-cough, typhus, &c.

428; 1. Lincoln; South-west.—Births 105; Deaths 51. The deaths are below the average. Typhus has been very prevalent, and fatal at Eagle Moor. The attention of the Board of Guardians has been directed to a stagnant ditch, and it has been removed, since which time fever has abated, but not before 3 or 4 lives were sacrificed.

428; 2. Lincoln; Home.—Births 180; Deaths 117. In the previous quarter the deaths were 85; there is an increase therefore of 32, the number having been considerable during the last 3 weeks

from bronchitis and pulmonary complaints.

432; 1. Caiston; Great Grimsby.—Births 140; Deaths 85. The births and deaths are about the average; small-pox has been prevalent during the quarter, but is on the decline; there have been 9 deaths from it; 4 those of adults, one of whom had been previously vaccinated, and 5 children, 4 not vaccinated, and one vaccinated a week previous to receiving the small-pox.

31. NOTTINGHAMSHIRE.

435; 3. East Retford; East Retford.—Births 72; Deaths 42. In a high and dry situation at Babworth, near the seat of H. B. Simpson, Esq., about a mile west of Retford, a whole family, consisting of a man, his wife and 6 children, of the name of Cussins, were attacked almost simultaneously with a disease, the origin of which has not been traced to any assignable cause. Two of the children died before medicine could be made available; the rest of the family were reduced almost to death's door, but by timely assistance they recovered. I subjoin the medical account of this mysterious event as given me by Mr. Pritchard, one of the surgeons in attendance. I may remark that none of the neighbours were attacked, and that the remainder of the family are convalescent.

LETTER to Mr. Piercy, the Registrar.

"On February 28th I was sent for to see Wm. Cussins and his 3 children, aged respectively 8, 6, and one and a half years, who were said to be suffering from bowel complaint. I found them all suffering from great drowsiness, vomiting, and purging; indeed, the two younger were then sinking, and in spite of stimulants, warmth to the extremities, mustard plaisters, &c. died, one the same evening, and the other the following morning; one of these had been ill only about 24 hours. On the same evening of the 28th two more of the children were affected with precisely the same symptoms, among the most remarkable of which was the great drowsiness passing rapidly into insensibility, attended with great prostration. On the following day the woman had a slight attack of diarrhea, but not to require any medicine; thus, making in all 8 cases, including that of one of the children who had been attacked and was convalescent prior to my seeing them. The symptoms were: drowsiness, so that they could scarcely be kept awake even while being spoken to, vomiting (there being nothing peculiar about the matters vomited), incessant purging of blood or bloody mucus, tenesmus, and a good deal of pain about the epigastric region. These symptoms were followed in the course of from 12 to 24 hours by fever, coated tongue, and thirst, the purging continuing during the whole of the time (about a fortnight in the man's case). A post mortem examination was made of one of the children as far as regards the stomach and bowels, but not the slightest vestige of inflammation was found; the whole of the organs were in a perfectly healthy state. The head was not examined. The contents of the stomach were submitted to a careful analysis, but no trace of vegetable or mineral poison was found. From the symptoms enumerated above, and the fact of a whole family being attacked in precisely the same way, I was led to believe them to be cases of poisoning, probably from some narcotico-irritant, but have been induced to alter my opinion after a time, and to believe that they were cases of dysentery. The most remarkable features of these cases were the perfectly healthy situation in which they occurred, the number attacked almost simultaneously, and with exactly the same symptoms, the great drowsiness, and the short space of time in which one of the children died after being attacked, and the absence of any post mortem appearances in the body examined."

436; I. WORKSOP; Worksop.—Births 46; Deaths 31. Births less than usual, perhaps in consequence of so few now being employed on the railway, or rather owing to several families having

438; 1. Basford; Greasley.—Births 124; Deaths 90. The deaths are above the average from

pneumonia amongst children and scarlatina.

440; 3. Nottingham; St. Ann.—Births 153; Deaths 108. In births there is an increase of 8 over those of any other quarter since the Act came into operation, and in deaths an increase of 13 over the corresponding quarter last year. There has been no epidemic, but one case of small-pox occurred without vaccination (the child of a tramp in the Nottingham Union workhouse). It appears that nearly one third of the whole deaths were those of infants under the age of 12 months.

440; 5. Nottingham; Exchange.—Births 76; Deaths 50. The number of births is greater than in any quarter since the passing of the Registration Act. The number of deaths is only exceeded by

that of the quarter ending December 1839, when it was 60; of the deaths 60 per cent. are of children under 5 years of age, and 42 per cent. from diseases of the lungs, which have been very prevalent this quarter.

32. DERBYSHIRE.

445; 1. Derby; St. Alkmund.—Births 161; Deaths 140. Small-pox has prevailed in the subdistrict to a great extent, more particularly in the old parts of the town which are crowded with courts and chiefly inhabited by Irish.

445; 2. Derby; St. Peter.—Births 265; Deaths 211. The number of deaths exceeds that of the corresponding quarter of last year by 20. There have been 12 cases of small-pox (4 after vaccination, the remaining 8 without).

448; 2. CHESTERFIELD; Chesterfield.—Births 227; Deaths 111. The deaths are 17 below the average of the last three corresponding quarters; typhus, small-pox, and diseases of the chest are

prevalent.

449; 3. BAKEWELL; Tideswell.—Births 62; Deaths 46. The deaths exceed the average. Measles prevailed. The weather before it commenced was exceedingly wet, and was followed by cold, dry, easterly winds. Croup followed; but as all the cases (with the exception of one) were attended medically, the deaths were comparatively few. At Stony Middleton small-pox succeeded

measles and scarlatina, and is now very prevalent there; but only one death from it yet.

450; 2. Chapel-en-le-Frith; Chapel-en le-Frith.—Births 66; Deaths 50. Typhus prevailed.

451; 1. Hayfield; Glossop.—Births 178; Deaths 114. The deaths are a little above the

average; there were 3 deaths from small-pox (natural).

451; 2. HAYFIELD; Hayfield.—Births 92; Deaths 65. Births and deaths above the average. Fine seasonable weather; hooping-cough prevalent for the last 4 weeks.

VIII. NORTH-WESTERN DIVISION.—33. CHESHIRE.

452; 3. STOCKPORT; Heaton Norris.—Births 158; Deaths 112. The deaths are above the average. The increase arises from scarlatina, small-pox, bronchitis, consumption, and natural decay. The extreme coldness of the season has told severely on the public health. No deaths occurred from scarlatina from September 1849 till this quarter, in which there have been 4. Small-pox is 57 per cent higher than in its corresponding quarter, although this quarter shows a diminution on the last. Small-pox has, in some cases, attacked mothers prior to their delivery, notwithstanding they were protected in infancy; several in last quarter were thus affected, and the mother of the last child now registered is not expected to recover. Last quarter I have entered 7 deaths from small-pox of children, all unprotected except one. There is the greatest necessity for a stringent legislative measure to enforce vaccination.

452; 4. STOCKPORT; Stockport, first.—Births 254; Deaths 221. The deaths are rather above

the average; 11 persons died of small-pox, of whom 2 only had been vaccinated.

452; 5. STOCKPORT; Stockport, second.—Births 141; Deaths 93. The mortality is about the average. I have registered 5 deaths from small-pox, in none of which cases had vaccination been performed. Great carelessness exists amongst parents in exposing their children to the influence of small-pox, by visiting with them habitations where the disease exists. The spread of the small-pox in my district I can attribute mainly to this cause.

452; 7. STOCKPORT; Hazelgrave.—Births 46; Deaths 29. Notwithstanding the prevalence of

small-pox among adults and children only 3 cases were fatal, these not vaccinated.

453; 6. Macclesfield; Sutton.—Births 75; Deaths 68. The deaths are rather above the average, scarlatina having been prevalent nearly the whole of the quarter.

453; 8. Macclesfield; Alderley.—Births 40; Deaths 17. The deaths are above the average; 6 were from scarlatina.

456; 1. NORTHWICH; Weaverham.—Births 46; Deaths 54. A considerable increase in the deaths has taken place, owing to the prevalence of small-pox, scarlatina, and diseases of the respiratory

456; 2. NORTHWICH; Northwich.—Births 134; Deaths 140. Small-pox and scarlatina have been very prevalent, and many children died from them, thus raising the deaths much above the usual

number.

456; 3. NORTHWICH; Over.—Births 70; Deaths 60. Deaths above average from small-pox.

34. LANCASHIRE.

461; 4. LIVERPOOL; St. George.—Births 123; Deaths 135. There has been no epidemic prevailing this quarter, but the varying temperature and density—and frequent fogs—of the atmosphere have had a severe effect on all disorders of the respiratory system; for out of the 135 deaths more than 50 have been from phthisis, bronchitis, and complaints of that nature. It is stated that the number of still-born children has been great in the quarter.

461; 5. LIVERPOOL; St. Thomas.—Births 299; Deaths 256. The most prevalent diseases have been those of the respiratory organs, from which there have been 82 fatal cases. Epidemic diseases

have been: scarlatina 27, pertussis 9, rubeola 9.
461; 6. Liverpool; Mount Pleasant.—Births 418; Deaths 528. There is an increase of 40 deaths on the previous quarter, arising, I believe, chiefly in the workhouse, whose population at present is 2181, and deaths in the quarter 225. Measles and tabes are very prevalent and fatal there amongst children. Scarlatina, which has been very fatal during the two preceding quarters, has greatly abated. I consider the district itself at the present time to be pretty healthy.

461; 7. LIVERPOOL; Islington.—Births 414; Deaths 291. Scarlatina continues epidemic; 32 deaths were registered from it during the quarter. In March a female aged 35 years died from

English cholera (ill 3 days), and another female aged 30 years from cholera (12 hours).

462; 1. West Derby; Toxteth Park.—Births 625; Deaths 435. The deaths show a decrease of 68 on the December quarter, 1851. From small-pox, vaccinated 3, not vaccinated one, measles 18, scarlatina 65.
462; 3. West Derby; Walton on the Hill.—Births 61; Deaths 63. The deaths are above the

average, which may be attributed to the prevalence of scarlatina.

462; 6. West Derby; West Derby.—Births 325; Deaths 192. There have been 36 deaths less than in the quarter ending 31st December 1851. There were 15 from typhus, 2 from small-pox, one from blue disease, 14 from scarlatina.

463; 5. Prescot; Prescot.—Births 145; Deaths 129. Scarlatina very prevalent; more than 27

deaths occurred from it.

463; 6. Prescot; St. Helen's.—Births 355; Deaths 193. The largest number of births ever registered, being 66 more than in any previous quarter. The population has much increased in this sub-district. The deaths are 90 below those of the same quarter last year, and at present the

district is very healthy.

465; 3. Wigan.—Births 399; Deaths 232. Number of children who died under 5 years of age, 110; cases without medical attendants, 38. The following diseases are very prevalent: typhus, measles, small-pox, diarrhea, erysipelas, and hooping-cough. There have been and are now several cases of small-pox amongst married people, 2 of whom have been afflicted during confinement.

Typhus prevails mostly in those localities which are filthy.

465; 4. Wigan; *Hindley*.—Births 151; Deaths 96. There is more than the average number of births, caused by the gradual increase of population. There is also more than the average number of deaths partly from the same reason, and partly by small-pox and measles. Small-pox destroyed

14 lives, measles 5.

465; 7. WIGAN; Ashton in Makerfield.—Births 56; Deaths 48. The deaths are much above the average for the winter quarters. Measles 6, scarlatina 2, small-pox 13, one without medical attendance, 9 not certified, 3 certified. Not one of the 13 sufferers from small-pox had been vaccinated. This is too bad.

466; 4. WARRINGTON; Warrington.—Births 235; Deaths 125. The deaths are 17 less than in the corresponding quarter of last year. There have been 4 from typhus and 5 from scarlatina. This town is at the present time in a very healthy state, which in my opinion is attributable to the great sanatory improvements recently made.

468; 4. Bolton; Halliwell.—Births 50; Deaths 36. The deaths are again considerably above the average, owing to scarlatina alone, 13 persons having died of it this quarter, and it still

continues.

468; 10. Bolton; Little Bolton.—Births 225; Deaths 161. The births are above the average of the same quarters of several previous years, which is consequent on the increase of population in this district. The deaths are above the average. Scarlatina has been very prevalent here during the past quarter, and for several months previously. There have been 47 fatal cases registered, 2 only "without medical attendant," and 9 cases "not certified." During the last two months the weather has been exceedingly fine and dry, and the atmosphere very pure. I am therefore the more surprised that this epidemic should continue, and it is as prevalent at present as before. The disorder is chiefly confined to the working and lower classes.

468; II. Bolton; East Bolton.—Births 290; Deaths 201. The births and deaths exceed the

averages of former years. Scarlatina has been the prevailing epidemic.
469; 4. Bury; Birtle.—Births 41; Deaths 33. 7 of the males came by their death in a coal-pit, the water breaking through from some old works and drowning them. The district healthy.

469; 7. Bury; North.—Births 154; Deaths 83. Births above and deaths below the average; the latter fact owing to cheap food, fine weather, and the spirited manner in which sanatory arrangements are being carried out.

469; 8. Bury: Elton.—Births 80; Deaths 54. The deaths are above the average. There have been 4 fatal cases of small-pox (natural) without vaccination. and several from hooping-cough, croup,

471; 3. CHORLTON; Chorlton-upon-Medlock.—Births 360; Deaths 234. The deaths are more than the average. A large proportion amongst children; no less than 147 being under six years of age; 26 from measles, 24 hooping-cough, and 9 scarlatina. Small-pox which had been very prevalent for many months is on the decline, 2 deaths only having been registered, both in January, one at the age of 19, not vaccinated, the other that of an infant only 3 weeks, who probably became infected dum in utero, as the mother prior to the birth had the disease in a modified form.

473; 7. MANCHESTER; Cheetham.—Births 126; Deaths 69. Deaths rather above the average. 30 occurred to children under one year. This result is in a great measure owing to parents not applying for medical aid until their children are in a dying state; in 3 of the above cases there was no

medical attendance.

473; 8. MANCHESTER; Failsworth.—Births 60; Deaths 25. The births are above the average;

there have been a great number of new buildings erected, and population has increased.

474; I. ASHTON-UNDER-LYNE; Knott-lanes.—Births 65; Deaths 58. The deaths for the last quarter have been unusually numerous, being considerably above the average of corresponding quarters of the last six years. The cause is partly scarlatina, which was fatal in 12 cases. The greatest number of deaths occurred in March, which has been a severely cold month. The wind was generally from the east and north-east, dry and piercing, and has caused much sickness and sudden death. Many causes of death are not certified, because attended by persons not qualified.

474; 2. ASHTON-UNDER-LYNE; Ashton Town.—Births 295; Deaths 253. More deaths than in the corresponding quarters of 1850 and 1851, and rather less than in the quarters of 1848 and 1849. The most prevalent diseases have been, as in last quarter, scarlatina 20 deaths, bronchitis 17,

pneumonia 16, hooping-cough 16, measles 3, and small-pox without previous vaccination, one.

475; 5. Oldham; Royton.—Births 90; Deaths 58. Deaths are about the average. Influenza has been prevalent; also measles, which was fatal in 3 cases, small-pox in 4. But altogether the quarter has been healthy.

478; 1. Burnley: Burnley.—Births 303; Deaths 288. Births in corresponding quarter of last year 293. Deaths registered in each month are as follow: January 104, February 90, March 94. In the corresponding quarter last year, 179. The prevailing diseases have been scarlatina, fatal in 54 cases; typhus 16, measles 8, and small-pox 13. Of causes of death, 173 are certified, 60 not certified, and 53 had no medical attendant.

478; 2. Burnley; Padiham.—Births 79; Deaths 87. Scarlatina and small-pox prevalent.
478; 3. Burnley; Colne.—Births 224; Deaths 144. The deaths are above the average. There were 21 from scarlatina, 7 from measles, 3 from small-pox.
478; 4. Burnley; Pendle.—Births 22; Deaths 18. Deaths above the average. 4 were from

scarlatina, which is very prevalent at present.

479; 2. CLITHEROE; Slaidburn.—Births 18; Deaths 9. Typhus at present prevalent in the village of Slaidburn. 3 deaths out of 4 cases happened in one house, a low thatched building almost without ventilation, and partly under ground. In well ventilated situations the disease has assumed a milder type, and all the cases are at present going on favourably.

479; 3. CLITHEROE; Chipping.—Births 33; Deaths 22. Deaths above the average. The only

cause I can assign is scarlatina, which has been fatal in 4 cases.

479; 4. CLITHEROE; Clitheroe.—Births 85; Deaths 82. The deaths again exceed the average.

18 occurred from scarlatina, which is still prevalent.

480; 4. BLACKBURN; Blackburn.—Births 504; Deaths 416. The deaths are above the average. The increase is attributable to scarlatina, typhus, and small-pox.

480; 5. BLACKBURN; Oswaldtwistle.—Births 101; Deaths 74. Deaths much above the average,

owing to the prevalence of scarlatina, which at present is not much abated.

480; 7. Blackburn; Witton.—Births 50; Deaths 46.—The deaths exceed the average by 10. Those has not been any epidemic, except small-pox, which has been very common in the neighbourhood, but fatal only in one case.

481; 4. CHORLEY; Chorley.—Births 158; Deaths 156. The deaths in this quarter are much above

the average, and exceed in number those of any corresponding quarter in former years. Small-pox has prevailed as an epidemic, from which cause 25 deaths occurred; there have also been 13 deaths from typhus. Cold easterly winds, unaccompanied with rain, prevailed for several weeks at the close of the quarter, during which period a considerable number of deaths from phthisis were registered.

482; 2. Preston; Preston.—Births 767; Deaths 624. Both births and deaths have increased. Hooping-cough which carried off 51 children, scarlatina which was fatal in 72 cases, and other fevers

in 21, have prevailed throughout the quarter.

483; 3. FYLDE; Poulton-le-Fylde.—Births 88; Deaths 59. The deaths are 17 more than in the corresponding quarter of 1851. Scarlatina has prevailed extensively in Fleetwood, and caused considerable mortality, whilst other parts of the sub-district have been almost free from it. Several isolated cases of fever, dysentery, and erysipelas have been recorded. The weather has been

remarkably dry for the season; we have had scarcely any rain for the last two months.

484; I. GARSTANG; Stalmine.—Births 21; Deaths 42.—The deaths in this district have been greater than ever known, arising from a severe kind of scarlatina. The average is only about 10

in the quarter.

485; I. LANCASTER; Ellel.—Births 30; Deaths 29. The deaths are above the average. There

have been a few from scarlatina.

- 485; 3. LANCASTER; Lancaster.—Births 160; Deaths 221. Deaths above the average by 94. Scarlatina 62, fever 12, diarrhœa 5, cholera one. This has been a very sickly quarter in my
- 485; 4. LANCASTER; Caton.—Births 20; Deaths 17. Erysipelas has been very bad in Caton, also scarlatina.
- 486; I. ULVERSTONE; Cartmel.—Births 43; Deaths 33. During last quarter 6 deaths have been registered at ages which amount to 512, viz., two 94 years, one 83, one 81, two 80. Scarlatina has been prevalent in some parts of the district, but no cases fatal.

486; 2. ULVERSTONE; Colton.—Births 32; Deaths 33. Fourteen fatal cases of scarlatina, one

cholera.

486; 3. ULVERSTONE; Ulverstone.—Births 83; Deaths 50. The deaths are about an average, and there has been no prevailing disease in the district, although scarlatina has been raging to a fearful extent in an adjoining district. I am unable to account for the increase in registration of births in the last and previous quarter, except it may be attributed to the co-operation of medical gentlemen, who afford me every information.

486; 6. ULVERSTONE; Hawkshead.—Births 22; Deaths 27. The deaths are above the average.

Scarlatina is prevalent in this district, and has proved fatal to a number of children.

IX. YORK DIVISION.—35. West Riding.

487; 3. SEDBERGH; Dent.—Births 15; Deaths 16. In the beginning of the quarter very wet weather, and for the last 5 or 6 weeks very dry, with north and easterly cold winds, has caused specification in the second i unusual sickness from influenza and inflammatory complaints.

488; 1. Settle; Bentham.—Births 56; Deaths 28. Hooping-cough and scarlatina have pre-

vailed during the quarter.

489; 7. SKIPTON; Grassington.—Births 24; Deaths 26. The deaths are 8 or 9 above the average. The excess is chiefly due to scarlatina and inflammation.
493; 4. OTLEY; Yeadon.—Births 100; Deaths 80. The deaths are above the average. Scar-

latina has greatly prevailed, and 30 deaths from it have been registered.

494; 2. Keighley; Keighley.—Births 220; Deaths 162. Deaths above the average, owing to the prevalence of small-pox (22 deaths), scarlatina (21 deaths).

495; 1. Todmorden; Hebden Bridge.—Births 92; Deaths 65. Typhus has prevailed in several

parts of the sub-district.

496; 2. SADDLEWORTH; Delph.—Births 77; Deaths 55. Deaths show a slight increase. The bad weather which we had in the first 5 or 6 weeks in the year I think contributed not a little, with the sudden changes in the temperature last month, to increase diseases of the chest and throat; the number of deaths from these complaints being 25 per cent. of the whole.

497; 2. Huddersfield; Meltham.—Births 49; Deaths 43. The deaths have been considerably above the average, which is principally attributable to small-pox, a disease which has been and still

is very prevalent in this district, and in many cases has proved fatal.

497; 3. HUDDERSFIELD; Honley.—Births 48; Deaths 46. There has been no fatal epidemic during the last quarter. The deaths by natural causes have been considerably less than those of the

corresponding quarter in 1851; but there were 18 by drowning at the late Holmfirth flood.

497; 4. Huddersfield; Holmfirth.—Births 124; Deaths 97. On the morning of the 5th of February, at 1h. 15m. A.M., the reservoir at Billberry in this district burst, and before 2 o'clock 81 (as nearly as I am able to ascertain) human beings perished in the rushing torrent. Of these,

47, viz., 22 males and 25 females, were registered in this district; 2 bodies are yet wanting.
497; 8. Huddersfield; Kirkheaton.—Births 107; Deaths 70. There were 9 fatal cases of scarlatina, 7 of which occurred in Kirkheaton, one in Dalton, and one in Whitley.
497; 9. Huddersfield.—Births 207; Deaths 321. The deaths are about 40 above the average, which may be accounted for by 28 from scarlatina, 12 from small-pox (9 of which without vaccination), 11 from typhus, and 26 people died from 60 to 80 years old.

498; 7. Halifax; Sowerby.—Births 122; Deaths 96. Deaths above the average; 7 from scar-

latina, 3 from small-pox, and 6 from hooping-cough.

499; 5. Bradford, East End.—Births 322; Deaths 207. My district is healthy. There are 77 deaths less than in the corresponding quarter of 1851. The winter has been mild, and our sanatory condition much improved.

499; 7. Bradford; Horton.—Births 392; Deaths 264. Births and deaths about an average, taking into consideration the erection of a union workhouse in the district. There were 18 fatal

cases of scarlatina, 5 of typhus, 8 of small-pox, 4 hooping-cough, and one measles.
499; 9. Bradford; Wilsden.—Births 85; Deaths 35. Births above the average, in consequence

of increased population.

The deaths show a decrease on the 499; 11. Bradford; Idle.—Births 119; Deaths 120. number registered in the last quarter of 33, but they are still 50 above the general average. Scarlatina, measles, small-pox, and diseases of the respiratory organs continue to swell the mortality.

499; 12. BRADFORD; Calverley.—Births 47; Deaths 33. The return of deaths is above the

average, occasioned by scarlatina and measles.

- 499; 13. Bradford; Pudsey.—Births 110; Deaths 103. The deaths exceed the average of the corresponding quarters for six years back by about 25 per cent. Hooping-cough, measles, pneumonia, and scarlatina have prevailed among children, and in many cases have proved fatal. Bronchitis and diarrhea have prevailed among adults. There have been 2 fatal cases of small-pox without previous
- 500; 2. Hunslet; Kirkstall.—Births 180; Deaths 160. There has been unusual mortality among children in the village of Bramley; measles superinducing pneumonia, and convulsions have been the principal causes.

500; 3. HUNSLET; Chapeltown.—Births 42; Deaths 32. Measles and hooping-cough have

501; 1. Leeds; South-east.—Births 334; Deaths 270. The deaths exceed those of the corre-

sponding quarter of last year by 25; hooping-cough, pneumonia, and scarlatina having been prevalent. 502; 2. Dewsbury; Batley.—Births 108; Deaths 68. The increase of births is to be accounted for by the regular and rather rapid growth of the population, the increase of deaths partly on the same ground, and partly by complaints among children, such as measles, &c.

502; 3. Dewsbury; Gomersal.—Births 100; Deaths 84. The deaths above the average, many

children having died of measles and hooping-cough.

502; 5. Dewsbury; Mirfield.—Births 83; Deaths 34. The births are above the average, which is caused by a number of families coming to reside in the parish.

502; 6. Dewsbury; Dewsbury.—Births 180; Deaths 100. The excess of about 30 births above

- the average is caused by the influx of Irish.
 503; 6. Wakefield; Alverthorpe.—Births 59; Deaths 52. The deaths are above the average, owing to the prevalence of measles attended with pneumonia; there were 2 from small-pox without vaccination.
- 505; 2. BARNSLEY; Barnsley.—Births 240; Deaths 139. The births are the same as in the corresponding quarter of last year, but show an increase of 19 over last quarter, which may be attributed to the very prosperous state of the coal trade in the district and neighbourhood, and a consequent influx of coal miners, and also to some little improvement in the linen trade in Barnsley during the past quarter. In the deaths there is a decrease of 5, as compared with the corresponding quarter of last year; small-pox prevailed to some extent but not very fatally, the number of deaths being 8.

508; 1. Sheffield, West—Births 210; Deaths 173. The births and deaths are the largest numbers ever registered in one quarter; the steadily increasing population accounts for the increase of births. The principal causes of death have been small-pox, 18 (2 only after vaccination), scarlatina 8, fever 9. There were 22 deaths from convulsions, in only 10 of which the cause was certified; in the majority of uncertified cases the patients having been supplied with medicines

by druggists without prescriptions from qualified medical men.

508; 2. Sheffield, North.—Births 390; Deaths 326. Small-pox caused 51 deaths, fever 22, typhus 5, scarlatina 7. The deaths from small-pox have induced extensive vaccination; that disease and fever, which still prevails, make the deaths more than an average.

508; 3. Sheffield, South.—Births 212; Deaths 136. The deaths exceed the average. An excessive mortality from variola (9 deaths), and the large number of cases of asthenic nervous disease have caused the increase. The increase of population seems to be large, so that more deaths are to be expected.

508; 4. Sheffield Park.—Births 199; Deaths 110. There were 5 cases of small-pox, one of which was that of a child born with the disease, who died 2 days after birth; the mother had

it 3 months before her confinement.

1508; 5. SHEFFIELD; Brightside.—Births 140; Deaths 100. There has not been so great a number of deaths in any quarter since December 1846. Compared with the same quarter last year there is an excess of 35. The sudden changes in the weather have been fatal to the aged, the number from 60 upwards being 13, and 8 of the 13 averaging 81 years. Notwithstanding the facilities afforded by the Board of Guardians for gratuitous vaccination small-pox has prevailed to a considerable extent, 9 cases having proved fatal. There has been great mortality among children, 57 having died at 5 years old and under. The increase of the population will also account for the extra number of deaths, building (particularly, of cottage houses) having during the last 6 months extra number of deaths, building (particularly of cottage houses) having during the last 6 months increased to an extent in the district previously unknown. This will also account for the births

being the greatest number in one quarter since the Act came into operation.

509; 3. Rotherham; Kimberworth.—Births 130; Deaths 121. The deaths are above the average, owing to an explosion of fire-damp in Warren Vale Colliery near Rawmarsh, when 53

persons were killed.

36. East Riding.

519; 7. Sculcoates; East Sculcoates.—Births 107; Deaths 66. Two children died from small-

pox, one aged 10 months and the other 4 years, neither of whom had been vaccinated.

522; 5. SKIRLAUGH; Brandsburton.—Births 9; Deaths 9. The deaths are above the average.

Measles was very prevalent.

37. NORTH RIDING.

534; 2. NORTHALLERTON; Northallerton.—Births 89; Deaths 59. An excess in births and deaths as compared with those of the same period of 2 preceding years. The rare number of 4 twin births (one still born) have been registered, as also one case of triplets. The unusual number of still-born children (not registered) during the quarter has been 11. In the village of Osmotherley 2 deaths occurred from puerperal fever, each of 5 days' duration. Scarlatina and small-pox still linger in some parts of the district, but they have not been attended with fatal effects.

538; 2. Reeth.—Births 36; Deaths 24. Croup and bronchitis have been very prevalent, I suppose owing to the dry cold north-east wind. The former was very fatal amongst children.

X. NORTHERN DIVISION.—38. DURHAM.

541; 1. Stockton; Yarm.—Births 162; Deaths 89. Both births and deaths are above the average. In Middlesbrough small pox still prevails to some extent; I have registered there 7 deaths from it, none of the sufferers having been vaccinated.

541; 3. Stockton; Hartlepool.—Births 200; Deaths 150. Deaths have been above the average,

measles, scarlatina, and small-pox having prevailed.

545; 2. Durham; Lanchester.—Births 147; Deaths 88. Twenty deaths from scarlatina and 2

from small-pox, all among children.
545; 4. Durham; St. Nicholas.—Births 297; Deaths 180. The deaths are above the average, in consequence of scarlatina having been prevalent at New Cassop, Ludworth, and Little Town. Typhus also was bad at Pittington, but it is now quite abated. There have not been many fatal cases of small-pox in my district, though there have been many attacks.

546; I. EASINGTON; Easington.—Births 219; Deaths 109. The deaths are rather above the average, caused by the prevalence of scarlatina principally in the large colliery village of Thornley.
548; I. CHESTER-LE-STREET; Chester-le-Street.—Births 92; Deaths 73. Scarlatina has been prevalent in the west of this district, and fatal as regards children. It has much abated.

549; 3. SUNDERLAND; Sunderland East.—Births 112; Deaths 96. Deaths above the average; 44 more than in the corresponding quarter of last year. Small-pox, measles, and hooping-cough have been prevalent. Deaths from small-pox 10, measles 4, and hooping-cough 7.

549; 5. SUNDERLAND; Monkwearmouth.—Births 207; Deaths 134. The excess of deaths is counted by small pox 100 powers (25 children and 2 chults) died only one of whom had been

caused by small-pox; 29 persons (27 children and 2 adults) died, only one of whom had been

vaccinated.

- 550; I. South Shields; Westoe.—Births 219; Deaths 144. Scarlatina and small-pox have prevailed. From the former, 26 deaths have been registered, from the latter 5, none of which cases had been vaccinated.
- 551; 2. Gateshead, Births 270; Deaths 243. The deaths are above the average. There have been 24 from small-pox, 17 from scarlatina, and 12 from fever.

39. NORTHUMBERLAND.

552; 3. Newcastle-on-Tyne; St. Nicholas. Births 110; Deaths 158. Fever, small-pox, and bronchitis have been very prevalent.

552; 4. Newcastle-on-Tyne; All Saints.—Births 235; Deaths 220. The deaths are considerably above the average, on account of small-pox having been very prevalent amongst children.

552; 5. Newcastle-on-Tyne; Byker.—Births 156; Deaths 100. There is a considerable increase of births and deaths, chiefly owing to the erection of lead works in the eastern part of the district. Scarlatina and small-pox have been prevalent.

553; 2. TYNEMOUTH; North Shields.—Births 141; Deaths 104. Hooping-cough, scarlatina, small-

pox, and measles have prevailed.

555; 2. Hexham; Hexham.—Births 93; Deaths 68. Small-pox has prevailed, but it has not

increased the deaths to any considerable amount.

558; 2. Morpeth; Bedlington.—Births 83; Deaths 56. Small-pox and typhus have been very prevalent in Bedlington and the collieries adjacent. Although the mortality has not been great considering the number of cases, yet a few deaths have taken place at Netherton colliery. 10 persons in one house were all labouring under small-pox at the same time, and at Bedlington, 4 in one house were all affected with typhus, 2 of whom died. All the former 10 recovered. Both diseases have now much abated.

559; 3. ALNWICK; Embleton.—Births 44; Deaths 31. The deaths are rather above the average; the district is in ordinary health, except for a few cases of small-pox in the village of Newton-by-

40. CUMBERLAND.

570; 3. Cockermouth; Workington.—Births 74; Deaths 65. The deaths are above the average, 15 children having died from scarlatina.

41. WESTMORLAND.

575; 4. Kendal; Kendal.—Births 104; Deaths 100. Scarlatina has prevailed during the whole quarter with unabated virulence; the deaths from it are 27. There have also been several cases of small-pox, but only one terminated fatally.

XI. WELSH DIVISION. 42. MONMOUTHSHIRE.

576; 1. Chepstow; Shirenewton.—Births 24; Deaths 33. The deaths are above the average, owing chiefly to scarlatina, which has prevailed in the lower part of my district, where the land is low and marshy, abounding with reens and stagnant water.

580; 2. NewPort; Newport.—Births 191; Deaths 119.—Fever has been prevalent, and fatal in

several cases, also croup and hooping-cough, but the mortality has not been excessive.

43. SOUTH WALES.

581; 1. Cardiff; Caerphilly.—Births 61; Deaths 60. Hooping-cough and scarlatina have been prevalent in a part of the district situated between the Glamorganshire canal and the river Taff. Several cases of small-pox have also occurred.

- 581; 2. CARDIFF; Cardiff.—Births 217; Deaths 197. The births are considerably above the average. The deaths also exceed the average. The rapid increase of the population of Cardiff and the influx of labourers and their families induced by the large works in progress in that town may in part account for this excess. Typhus has much prevailed, and has particularly affected the healthy labourers coming into town in search of work and going into the over-crowded and in many cases already infected lodging-houses. The easterly winds during the last 6 weeks have not been favourable to health. The population of the town of Cardiff has increased 60 per cent. since the census of 1841.
- 581; 4. CARDIFF; Llantrisaint.—Births 109; Deaths 80. The deaths are considerably above the average. Scarlatina and hooping-cough have been very prevalent.

600; 3. Brecknock; Brecknock.—Births 60; Deaths 51. Measles very prevalent.

601; 2. CRICKHOWELL; Llangunider.—Births 28; Deaths 29. Scarlatina and typhus have prevailed.

601; 4. CRICKHOWELL; Llanelly.—Births 92; Deaths 67. The deaths show an increase on the

last 3 corresponding quarters. Fever and phthisis have prevailed.

602; 2. HAY; Clyro.—Births 39; Deaths 31. Scarlatina was fatal in 7 cases, and has been very

prevalent.

603; 3. PRESTEIGNE; Kington — Births 40; Deaths 37. The deaths are rather above the average, but a great many very old people have been registered, as usual at this time of the year. The weather has been very cold, with an easterly wind, for the last 5 weeks, with very sharp frosts, but generally speaking the district continues free from epidemics.

44. NORTH WALES.

608; 2. Montgomery; Chirbury.—Births 40; Deaths 24. The deaths are rather above the average. Scarlatina has been prevalent, and in 4 cases fatal. Small-pox has also prevailed much, but has only been fatal in two instances, in both of which the persons had never been vaccinated.
610; 2. Holywell.—Births 100; Deaths 91. The long continuance of wet and damp

weather has been productive of many diseases connected with the respiratory organs, which have proved generally fatal; but the total mortality has not been higher than in many corresponding quarters.

618; 1. Festiniog; Llanfihangel y Traethau.—Births 28; Deaths 33. Measles has caused an

increase in the deaths.

621; 2. Bangor; Bangor.—Births 105; Deaths 85. Measles prevalent.

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QUARTERLY RETURN

OF

THE MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF

ENGLAND.

Marriages, Jan. Feb. March 1852. Births and Deaths, April, May, June 1852.

1852

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

No. 14.

This Return comprises the Births and Deaths registered by 2190 Registrars in all the districts of England during the Spring quarter ending June 30th, 1852; and the Marriages in more than 12000 churches or chapels, about 3228 registered places of worship unconnected with the Established Church, and 623 Superintendent Registrars' offices, in the quarter that ended March 31st, 1852.

The Return of Marriages is not complete; but the defects are inconsiderable, and approximative numbers have been supplied from the records of previous years.

The general results of the Return are not unsatisfactory; the marriages exceed the average number, the births are above, the deaths are but slightly above the average of the seasons.

MARRIAGES.

The marriages in the quarter ending March 31st were 32933, consequently in the three months 65866 persons were married; this slightly exceeds the numbers in the corresponding quarter of 1851, and is 10906, or one fifth part, more than the numbers married in the winter quarter of 1847.

Marriages, Births, and Deaths, returned in the Years 1840-52 and in the Quarters of those Years.

YEARS -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849*	1850	1851	1852
Marriages - Births Deaths	122665 502303 359687	'122496 512158 34 3847	118825 517739 349519	123818 527325 346445	132249 540763 356933	143743 543521 349366	145664 572625 390315	135845 539965 423304	138230 563059 3998 33	141883 578159 440853	152738 593422 368986	153740 616251 395933	
74	,					M.	ARRIA	GES.					
Quarters ending the last day of March - June - September - December -	26395 30786 29221 36263	24447 32551 29397 36101	25860 30048 27288 35629	25285 31113 28847 38573	26387 34268 31675 39919	29551 35300 35003 43889	31417 37111 35070 42066	27480 35197 32439 40729	28398 34721 32995 42116	28429 35844 33874 43736	30567 39204 37636 45331	32619 38498 37155 45468	32933
							BIRT	HS.					
March June - September - December -	132305 129059 119822 121117	133720 129884 123868 124686	135615 134096 123296 124732	136837 131279 128161 131048	143578 136941 130078 130166	143080 136853 132369 131219	145108 149450 138718 139349	146453 139072 127173 127267	1397 3 6 149760 140359 133204	153772 153693 135223 135471	144551 155865 146911 146095	157374 159138 150584 149155	161776 159136 —
							DEAT	THS.					
March - June - September - December -	98896 90339 80822 89630	99069 86134 75440 83204	96314 86538 82339 84328	94926 87234 76792 87493	101024 85337 79708 90864	104664 89149 74872 80681	89484 90231 101663 108937	119672 106718 93435 103479	120032 99727 87638 92436	105871 102153 135235 97594	98418 92875 85846 91847	105446 99639 91600 99248	106682 100813

^{*} The numbers up to 1849 have appeared in the Annual Reports.

The rate of marriages, after allowing for increase of population, is found to exceed the average of the season, and is only less than it was in the winter quarters of 1846 and 1851. The excess is distributed over nearly all the divisions of the country, but is most conspicuous in London, where the marriages in the winter quarter increased from 4377 in 1849 to 5576 in 1852. Marriages increased in St. George Hanover-square, and in Hastings, Brighton, Bath, Clifton, and other watering places. The marriages in the South-eastern division also increased in Surrey, Sussex, and Hampshire; decreased in Berkshire. There was an increase in Oxford and Cambridge; in Colchester and in Norwich; in Malmesbury and in Bradtora (Wilts); also in Exeter; in Redruth, Cornwall, and in Bristol; in Hereford, Shrewsbury, and Stafford; in Wolstanton and Burslem among the Stafford-shire Potteries. The marriages in Birmingham were 390, or 44 less than in the previous winter. In Leicester and Nottingham the number of marriages has for the last two years exceeded the average. The marriages in the last quarter were also over the average in the districts of Derbyshire, in Stockport, Liverpool, In Sheffield marriages were Prescot, Wigan, Warrington, and Manchester. numerous; in several districts of Yorkshire below the average. In the northern counties the marriages exceeded the average; in Wales they declined from 1930 in 1851 to 1804 in the winter quarter of 1852.

BIRTHS.

The births of 159136 children, born alive, were registered in the quarter ending June 30th, 1852. The same number, within two, was registered in the Spring quarter of last year. The proportion of births to the population since 1849 has greatly exceeded the average of previous years.

England: †—Annual Rate per Cent. of Marriage, Birth, and Death, during the Years 1842-52, and the Quarters of those Years.

4		1								1		
Estimated Population of England in thousands in the middle of each Year -	16123	16318	16516	16716	16919	17124	17331	17541	17754	17977		18195
YEARS	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Mean, 1842-51.	1852
Marriages - Births - Deaths -	*737 3·211 2·168	•759 3•232 2•123	*801 3*274 2*161	*860 3*251 2*090	*861 3*385 2*307	•793 3•153 2•472	•798 3•249 2•307	*809 3*296 2*513	•860 3•343 2·078	*855 3*428 2*202	*813 3*282 2*242	- 1
					N	1ARRI	AGES.	-				
Quarters ending the last day of March - June - September - December -	·654 ·749 ·671 ·874	•632 •767 •701 •934	*644 *834 *760 *955	•721 •849 •830 1•038	*757 *882 *822 *983	*655 *826 *751 *940	·661 ·805 ·755 ·961	*661 *822 *766 *986	*702 *888 *840 1.009	*740 *861 *819 1.000	*683 *828 *772 *968	•730
						BIRT	HS.					
March	3·431 3·344 3·032 3·058	3:420 3:234 3:114 3:174	3·507 3·334 3·123 3·115	3·491 3·291 3·140 3·103	3·498 3·551 3·251 3·256	3·488 3·265 2·945 2·938	3·252 3·474 3·211 3·038	3:575 3:523 3:056 3:053	3·321 3·530 3·281 3·253	3·569 3·559 3·321 3·279	3·455 3·411 3·147 3·127	3·585 3·516
						DEAT	HS.					
March June September - December -	2·436 2·158 2·025 2·067	2·373 2·149 1·866 2·119	2·467 2·077 1·913 2·175	2.554 2.144 1.776 1.908	2·157 2·144 2·382 2·545	2·850 2·506 2·163 2·389	2·794 2·313 2·005 2·108	2·462 2·341 3·057 2·199	2·261 2·103 1·917 2·045	2·391 2·228 2·020 2·182	2·475 2·216 2·112 2·174	2·364 2·227 -

† The Table may be read thus, without reference to the decimal points:—In the year 1848, to 100000 of the population of England there were 798 marriages, 3249 births, 2307 deaths registered.—The annual rates of marriage in each of the 4 quarters were '661, '805, '755, and '961 per cent.; the rates of death 2.794, 2.313, 2.005, and 2.108 per cent. In reading the population on the first line add 3 ciphers (000). The 3 months January, February, March, contain 90, in leap year 91 days; the 3 months April, May, June, 91 days; each of the 2 last quarters of the year 92 days. For this inequality a correction has been made in the calculation. It was assumed that the population increased at the same uniform rate as the females increased in 1841—51, namely 1.212 per cent. annually, or '302 quarterly. So $\frac{1}{4} \lambda r =$ '0013078.

INCREASE OF POPULATION.

As the births in the quarter were 159136, the deaths 100813, the increase of population by natural causes is 58323. The increase in the previous quarter was 55094; in the corresponding quarter of 1851, 59499. In the quarter ending June 30th, 1852, 125,112 emigrants sailed from the ports of the United Kingdom at which there are emigration agents; 21890 sailed from Irish ports, 8687 from the Scotch ports of Glasgow and Greenock, and 94535 from English ports; namely, 3224 from Plymouth, 15304 from London, and 76007 from Liverpool.* It is known that a large but unknown proportion of the emigrants from Liverpool are of Irish origin; but the birthplace is not distinguished in the abstracts.

The price of provisions has varied little during the quarter; mutton and beef have however been a little cheaper than they were in the previous quarter; the price of wheat remains 40s. 10d. a quarter.

The AVERAGE PRICES of Consols, of Wheat, Meat, and Potatoes; also the AVERAGE QUANTITY of Wheat sold and imported weekly, in the Four last Quarters ending June 30th, 1852.

Quarters ending	Average Price of Consols.	Average Price of Wheat per Quarter in England and Wales.	† Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	Great Britain.	Leade and Newga	per lb. at	Potatoes (York Regents) per Ton at Waterside Market, Southwark.
1851 Sept. 30	£ 96½	40s. 7d.	74,714	91,040	3d.—5d. Mean 4d.	$3\frac{3}{4}d5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	90s.—110s. Mean 100s.
Dec. 31	978	36s. 7d.	109,506	47,986	3d.—5d. Mean 4d.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	65s 75s. Mean 70s.
Mar. 31	$97\frac{1}{4}$	40s. 10d.	95,532	27,540	$3\frac{1}{4}d.$ —5d. Mean $4\frac{1}{8}d.$	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	60s.—80s. Mean 70s.
June 30	998	40s. 10d.	87,949	54,675	$3\frac{1}{4}d4\frac{3}{4}d.$ Mean 4d.		85s.—110s. Mean 97s.6d.

[†] Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ending Sept. 30th was 971,276; for the 13 weeks ending Dec. 31st, 1,423,582; for the 13 weeks ending March 31st, 1,241,921; for the 13 weeks ending June 30th, 1,143,339. The total number of quarters entered for Home Consumption was respectively 1,183,523; 671,803; 358,024; and 710,780; the second total, however, embraces the returns of 14 weeks. The price of potatoes in the quarter ending September refers to the period during which the old supply continued.

STATE OF THE PUBLIC HEALTH.

The deaths in the Spring quarter were 100813, and the mortality was at the rate of 2.227 per cent. per annum, which is slightly above the average of the season. The excess of deaths was chiefly in the town districts, which still maintain their fatal preeminence over the country in destroying the lives of the population. The rate of mortality in the 506 districts, comprising chiefly small towns and country parishes, was 2.052; in the 117 town districts 2.436; so that out of the same population for every 4 deaths in the districts where the air and water are comparatively pure, there are nearly 5 deaths in London and our other towns, where all the sanatory arrangements are still left so imperfect that no improvement sensibly affecting the rate of mortality has hitherto been effected. In the three months

^{*} From a return with which the Registrar General has been favoured by the Emigration Commissioners.

that have elapsed 48357 deaths have been registered in the town districts in the place of 40000, who would have died if the mortality had not exceeded 2 per cent.; a standard of salubrity by no means high or unattainable. The season has been unusually cold, but food has been abundant, and from the notes of the Registrars

generally it may be inferred that the people are actively employed.

In London 13173 deaths were registered in 13 weeks; 2828 were ascribed to zymotic diseases, 443 to violence, privation, cold, or intemperance. 19 deaths were caused by poisons, 5 by laudanum, 3 by oxalic acid, 3 by essential oil of almonds, and 2 by prussic acid. Two of the deaths were ascribed to overdoses of laudanum; the others were cases of suicide, and included 7 males, 4 females, of ages ranging from 18 to 70. One death was referred to Coutt's oil, one to improper medicine, one to lead (a painter, age 36), and 3 to poisoning by accident. It is gratifying to observe that no case of death by arscnic has been registered in London. Of intemperance 20 died, 39 of delirium tremens, of privation 8, cold 5, burns and scalds 50, hanging, strangling, and suffocation 78, drowning 59, fractures and contusions 121, wounds, gunshot, and others 19, other violence 15.

Small-pox, scarlatina, hooping-cough, and typhus have prevailed to some extent, not only in London but in many parts of the country, and persons, with families, who are about to visit strange districts in search of health, will obtain information from the notes of the Registrar, or by local inquiries, which may prevent their

exposure to local epidemics.

The following is one example, among many, of the efficacy of vaccination:

"Totnes; Buchfastleigh. A case of virulent small-pox was introduced in March last into a thickly-populated part of this town from Plymouth (where numbers have suffered, and its fatality has been great) by clothes brought hither, and worn by a child about 5 years old, who took the infection, but passed well through the disease. No other case appeared, the juvenile population having been immediately vaccinated to the number of 400, or nearly a fifth of the whole."

Much good has already been effected by the enforcement of sanatory regulations in the lodging houses of the country. The Registrar of North Saint Giles says: "There is a decrease of one fifth in the deaths as compared with those of the corresponding quarter of last year, which I attribute to the sanatory arrangements enforced by the police, in making the landlords of the houses in Church- lane and the Rookery whitewash and cleanse them, and not allowing above a certain number of persons to sleep in the lodging houses."

DEATHS in the Spring Quarters.												
	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Total 1842-51	1852
In 117 Districts, comprising the chief towns }	3 85 6 9	40343	38977	40847	43737	51585	46552	48070	42886	47774	439340	48357
In 506 Districts, comprising chiefly small towns and country parishes	47969	46891	46360	48302	46494	55133	53178	54083	49989	51865	500264	52456
All England	86538	87234	85337	89149	90231	106718	99730	102153	92875	99639	939604	100813

POPULATION; DEATHS; and MORTALITY per Cent. in the Spring Quarters of 11 Years, 1842-52.

	Population	enumerated	Annual Rate of Mortality	Annual Rate of Mortality
	June 6-7th, 1841.	March 31st, 1851.	of 10 Spring Quarters, 1842–51.	in the Spring Quarter, 1852.
In 117 Districts, comprising the chief towns In 506 Districts, comprising chiefly small towns and country parishes	6,612,958 9,301,190	7,795,882	2·417 2·048	2·436 2·052
All England	15,914,148	17,922,768	2.216 ,	2.227

The Registrars of Saint Ann, Nottingham, and of Cardiff in South Wales, have recorded similar good effects from the supervision of the low lodging houses.

Public attention has been before called in these periodical reports to the neglect and ill-usage of children in the large towns of the country, and more particularly in Lancashire, where the mortality of children under 5 years of age is twice as high as it is in the healthiest counties, and much higher than it is in London. This subject is so important that it is thought right to insert here a paper by Mr. Leigh, one of the Registrars of Manchester, who has described the circumstances of his own sub-district accurately, and, it is believed, of many of the other districts of the county by which he is surrounded.

OBSERVATIONS on the Causes of Death, the Mortality, and the Treatment of Children, in DEANSGATE Sub-district, MANCHESTER.—By JOHN LEIGH, Registrar, M.R.C.S., &c. &c.

Mr. Leigh formerly noticed, that in Manchester great numbers of the children died without ever being seen by a medical man; since the regulations respecting the certificates of death by qualified medical men there has been a considerable change. He now adds:

The first thing that strikes me is the great increase of cases in which the causes of deaths were certified by medical men, the total number of uncertified cases being only 49 out of 252 deaths; and the next is the ever recurring fact, that nearly all the uncertified cases were those of children, viz., 41 out of the 49. At the first aspect one would be led to the inference that medical assistance was more generally sought for sick children now than was the case some years ago. This improvement, however, I am sorry to say, is more apparent than real. Since the establishment of the certificate system the poor have got an impression that the production of a medical certificate will facilitate the registration of their children, and still further will aid them in obtaining club money for the interment. The consequence is that though in the earlier stages of their diseases the children are still taken as generally as heretofore to druggists and unlicensed practitioners, yet when it becomes apparent that their condition is hopeless, and that they are dying, a rush is made to some medical man who, on death taking place, furnishes a certificate, stating to the best of his belief what was the disease under which the little sufferer laboured when brought to him. I am strongly of opinion that though a greater number of certificates are brought to the Registrar, there is no actual extension of medical attendance on the suffering children of the poor. It is only necessary to glance over the assigned causes of death among children to feel how true is this observation: 21 deaths from measles, 22 from pneumonia, 16 from diarrhea, 20 from convulsions, and 21 from marasmus. medical man can read such a list without entire conviction that the bulk of these lives might have been saved by proper treatment promptly bestowed. With the exception of the cases of marasmus, three fourths of which are brought about by improper diet, opiates, and foul air, and of convulsions, the constant sequence of anodyne administrations, nearly all are remediable complaints. The suggestion of a remedy for the evils themselves is difficult. So long as ignorance and credulity prevail, so long will blind faith be placed in the assertions and promises of the bold charlatan, rather than in the observing and inquiring student. The uneducated, whether rich or poor, and they are to be found in all ranks, ever prefer the specious to the real, and seek that which comes by extraordinary means rather than in the common course of nature. So long as a demand for opiates exists, no matter to what purpose applied, and money is to be made by selling them, so long will persons engage in the trade, and so long will thousands of children helplessly perish who ought to have grown up men and women, the bulwarks of the state.

How far the evil might be mitigated by medical men themselves by an extension of eleemosynary aid it is difficult to say, for the poor cannot pay medical fees; in many cases they will not pauperise themselves by applying to the parish surgeon, and the profession already contributes more to the relief of the poor than any other body in society. Still there stands out the naked fact that in this district alone out of 252 deaths 135 were those of children under the age of 5 years.

The classification of the diseases of adults suggests reflections, some of a very satisfactory, others of an unsatisfactory nature. It is gratifying to observe, that though 333 children have been born within this district within the last 3 months, only two of the mothers have died from any diseases which had connexion with their births. The improvements which have taken place in the treatment of parturient women during this century are beyond all praise, and the care and skill which are brought to the aid of woman in the time of her greatest tribulation, and particularly the abstinence from injudicious and unnecessary interference, have been attended with the happiest results. How wonderfully do the tables of mortality from parturition and the diseases connected with it contrast now with those of the last century. To pass from this agreeable reflection, how much it is to be regretted that such a want of precision should characterise the medical certificates which come to the hands of the Registrar. The best opportunity the profession

ever enjoyed for collecting the statistics of disease is, in a great measure, lost by the apathy with which it seems to be regarded. There is no attempt at precision in filling up the medical certificates; and the carelessness with which this is done, or with which the cases have been examined, becomes strikingly apparent when the causes of death are classified. Out of 53 deaths of adults from diseases of the lungs, 23 are certified to have been from phthisis, 23 from bronchitis, 2 from catarrh, 3 from asthma, and one from disease of the lungs of uncertain nature, and only one from pneumonia. Pneumonic inflammation must be very common amongst labourers employed in the open air, subject to all the vicissitudes of the weather, and yet it is not recorded as it ought to be, nor the condition of the lungs as the sequence of that inflammation. Not a single case of death occurs from emphysema of the lungs, nor from bronchitis complicated with emphysema.

One might suppose such a disease did not exist, and yet there are entire trades in Manchester, almost every member of which, above the age of 40 years, is affected with emphysema of the lungs. It is one of the commonest affections we have. Men who work in dust, as fustian cutters, cotton carders, &c., are almost invariably affected with it. Not long ago, in examining a number of men of this class who proposed to assure their lives, I found about 8 out of 12 to be so affected more

or less.

We hear nothing of consolidation, or of anything but bronchitis and phthisis. It may be added that out of 252 persons who have died within the district within the last 3 months, not one has been

subjected to a post mortem examination.

In the last century and the beginning of this, copious nosologies were presented to medical men, and under some one heading it was expected that they would be able, with moderate precision, to place each case as it occurred. Sauvage, Cullen, and Mason Good were respectively the nosological chiefs of their respective times; but as words and systems do not keep pace with science, the latter has advanced beyond the nosologies, which have shared the fate of the systems on which they were based. Recently a tabulation of disease, divested to a large extent of technicality, or of such technicality as would bind it to a system, has been presented to medical men by the Registrar General, which, whilst it possesses great simplicity, has shown its adaptation to the wants of the times by its all but universal adoption where nosology is employed.

I have ventured to call attention by these remarks to the facilities afforded for describing or specifying disease by the system of registration, in consequence of the scanty nosology which medical men appear to have thought sufficient for the Registrars' certificates. Should the stethoscope be thrown aside as of no value when diseases of the lungs and heart are to be examined and recorded? What mean such terms as morbus cordis, disease of the heart? And how shall it be said that acute rheumatism is the cause of death? If the stethoscope tell no tale, should the scalpel reveal

nothing?

Manchester is one of the best paved and best drained towns in England as regards the streets and the corporation, with a laudable regard for the comforts and condition of the inhabitants, has been as careful to pave and drain the small streets, lanes, and alleys as the great public thoroughfares; the smoke nuisance has been considerably mitigated; the streets, courts, and alleys are regularly and well swept; the cesspools and ashpits emptied and cleansed at reasonable periods; a good supply of water laid on, of pure quality; and, so far as the police of the town is concerned, every effort is made that can conduce to the wellbeing of its poorer inhabitants. And yet with all this there is no diminution of mortality; the mortality is relatively the same to the population, for the latter has scarcely changed during the last twenty years in my district. The causes of a high rate of mortality are not so much external to the dwellings of the poor as that they are to be found within them. Close, damp, ill-drained, and wretchedly ventilated cellars abound, even in tolerably wide well conditioned streets. The windows are often scarcely wide enough to admit light for ordinary purposes.*

Unequal employment, frequent exposure to wet and cold, indifferent and scanty food, and imperfect medical attendance are the great causes in operation. The mechanical influence of certain occupations in causing disease has not been sufficiently estimated here. The dust continually given off in fustian cutting, cotton carding, and similar occupations, and inhaled, and, in a minor degree, the fuliginous particles with which the atmosphere is so generally loaded, are constant exciting causes of bronchial irritation. When received into the lungs they irritate the bronchial membrane, whose secretion is increased, and they are in part expectorated, but a considerable portion remains imbedded in the pulmonary structure, causing permanent irritation, partial consolidation, extensive emphysema, chronic bronchitis, and ultimately death. It is a common thing to find the bronchial glands and the pulmonary tissue perfectly black and inky from the presence of carbonacecus matter. And those who work at the occupations specified above have emphysema after a few

years almost to a man.

John Leigh, Registrar, Deansgate Sub-district, Manchester.

^{*} I am at this moment attending a child in a cellar which looks over a fine open piece of ground called Campfield. The cellar eonsists of two small rooms; the stench from the drains is intolerable, and such as I can scarcely bear in the room where the child lies; the back room has neither window nor door, and contains the necessary office and cesspool of the family. The child is ill of fever.

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ers on board vessels in the various ports are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore,

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* In the present publication the "Registration Counties" comprise groups of entire Registration Districts, or Poor Law Unions; and when a District runs into two or more Counties, it has been placed with the County in which the greater part of the Population is situated: hence these groups of Districts tarely, if ever, correspond with the strict boundaries of the respective Counties named.

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	1961

The Edmonton District (137) included the District of Hampstead down to May 1848, but the numbers here given refer to Edmonton exclusive of Hampstead (see No. 7.) for all the years.

					MARRIA		GES.			B	BIRTHS	70			D	DEATHS	3.	
	DISTRICTS.	POPULATION	ATION.				×	REGISTERED	ERED IN	THE	QUARTER	R ENDING	THE	LAST DAY	AY OF			
					A	MARCH.					JUNE.					JUNE.		
		1841	1851	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852
		,	(,								
199	Billericaya	13607	13780	91		7	OI	7	87	901	95	911	0	64	75	19	49	64
200	Chelmstord	30007	32300	22	r 73	21	30	34	232	247	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	270	SO COS	159	147	152	178	149
202	Waldon	20811	22138	2 2 22	7 17	7 C	2.7	2 00	181	186	160	154	Y L	111	140	6/2	0,0	120
203	Tendring	26253	27711	ייי זינ	- 8 H	33	200	27	188	218	25.5	207	247	131	136	107	151	OII
204	Colchester	06241	19443	27	25	32	22	40	164	191	157	187	. 4	129	124	92	122	911
203	Lexden	20895	21665	33	34	38	31	20	206	180	187	193	2	16	112	98	112	96
200	Witham	15410	16084	13	71	61	0 0	91	152	127	136	126	4	132	72	75	94	99
7000		16018	19252	42,	30	0 C	2 2 2 2	30	100	202	171	179	-0	000	46	96	132	90
200	• •	10880	20482	OI	2 7 7	26	0 F	7.1	150	104	172	201	$\circ \propto$	200	1180	70	75	95
210	Saffron Walden	18830	20708	7 2	- 00	30	24	21	181	901	291	102	J C	011	TOA	127	5 6	TIO
	SUFFOLK.	,		3		,	-				3	3	₩		-	10-	26	
211	Risbridge.	17440	18115	34	23	23	20	29	172	761	192	∞	00	124	108	06	IOI	80
212	Sudbury	30019	30834	28	44	46	35	45	240	290	273		285	158	157	158	154	991
213	Cosford	18238	90181	61	24	27	22	91	181	175	191	4	172	IOI	78	87	IOI	83
214	Langoe	18035	19024	27	200	22	25	22	169 x	162	162	202	9/1	× 22	92	∞	8	76
215	Dury St. Edmunds	12530	13902	61	07	67	32	61	114	011	108	<u> 0</u>	108	06	NI N	107	901	99
217	Stow	4016	21110	27	22	£ 6 C	77	01	900	06.	001	0 1	102	10	200	0 (02	53
218	Hartismere	18530	10028	200	27	20 H	2 60	9 6	193	9/1	171	~ 0	261	102	103	130	2112	101
219	Hoxne	15796	15899	. V.	19	23	7 I	t o I	156	130	191	20	091	000	200	0	800	101
220	Bosmere	16521	17219	27	20	13	19	133	156	146	165	LC,	154	79	III	1	96	0,50
221	Samford	11813	12492	15	91	18	28	00	94	.121	100	[mm]	109	4	50	63	44	200
222	Ipswich	25264	32757	16	69	70	99	54	274	253	308	10	312	138	170	195	198	193
223	W ood Dridge	23001	23022	32	0.0	00	30	30	104	6/1	180	= 0	180	108	133	137	140	132
224	Flomesgate	21051	21470	37	200	34	19	700	185	691	187	XO 1	166	901	108	78	IOI	123
222	Wanoford	12862	2/00/2	40	2.00	44	37	33	229	224	203	(~ (250	H O	155	113	141	159
227	Mutford	16392	20159	3 5	30	2 6	31	24	- S	132	150	128	127		6 %	0 00	112	70
	16. NORFOLK.			,			5	-	3		3	3	3		3	1		K
228	Yarmouth	24086	86892	89	62	51		69	212		216		=	125	140		164	150
229	Flegg	1676	8499	61	24	11	II	14	83	75	80	22	. 8I	37	33	37	45	39
230	Tunstead.	15433	15615	22	30	21		22	143		150	CI	63	49	85		73	90
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130	444	717	92	63	82	ທຸ	146	20	75	132	IOI	66	64	III	104	63	901			84	rc.	99	115	54	45	911	100	09	တိ	92	30	480	82	33	200	4 0	48	4	10
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101	100	574	113	901	200	124	251	II2	120	265	174	150	118	165	188	121	142			181	16	124	183	75	73	165	174	96	86	143	91	51	011	000	80	75	X		707
4/1	98	101	128	LOI	92	145	210	122	129	253	174	149	125	182	229	138	156			178	93	124	178	94	98	188	H 22	0000	611	134	95	73	101	07	20	2	70	0	017
0/4	101	27.72	96	000	83	130	237	601	112	244	213	178	130	138	204	132	121			177	16	611	92x	74	73	178	182	93	108	144	112	71	121	2 2	300	70	62	0	103
180	IOI	52 52	122	113	79	145	230	129	611	240	137	107	132	159	192	145	168			159	66	811	891	79		179	171	95	011	122	66	20	131	50	46	000	90		121
130	101	462	114	105	20	133	224	129	122	253	961	147	109	154	205	142	153			213	95	III	198	69	75	192	163	× 5	001	126	121	59	100	200	000	52	7.	*	111
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63	7 5	136	91	OI	34	22	42	18	10	22	3	17	21	39	18	14	56			17	E H	11	25	II	6	20	32	201	22	31	21	01	50	20	13	0	13		7.7
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10/.17	13801	96189	13562	11545	11574	15095	26393	12744	12141	29383	22023	18149	13449	20528	2098I	14311	19038			17618	11406	14907	21417	9173	10283	22236	90881	11604	12545	17065	1250I	8200	14950	8931	10742	6/101	8431	0000	13020
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Erpingnam	A yisham	Norwich	Forehoe	Henstead	Blofield	Loddon	Depwade	Guilteross	Wayland	Mitford	Walsingham	Docking	Freebridge	King's Lynn	Downham	Swaffham	Thetford			Highworth	Cricklade.	Malmsbury	Chippenham	Calne.	Marlborough	Devizes	Melksham	Bradford	Westbury	Warminster	Pewsey	Amesbury	Alderbury	Salisbury	Wulton	Tisbury	Mere.	Shaftochum	Ollatics
231	232	234	235	236	237	238	239	240	241	242	243			246	247	248	249			250	251	252	253	254	255	256	257	258	259	260	261	202	263	204	265	266	207	090	2007

a The Parishes of South Benfleet and Thundersley (containing together 1062 persons in 1851) were transferred from Billericay (199) to Rochford (201) February 7th, 1848.

					MARRIA	RIAGI	GES.			Ī	BIRTHS	70			D	DEATHS	**	
	archara	POPULATION.	TTION.				RE	REGISTERED	RED IN	тив Q	QUARTER	ENDING	TYRIE	LAST D.	AY OF			
	רום דוון רום.				M	MARCH.		Chill Glands			JUNE.	,				JUNE.		
		1841	1851	1848	1849	1850 1	851	1852	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852
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569	Sturminster	10207	10387	15	01	12	01	14	200	102	79	93	00	56	520	is.	12	59
270	Wimhorne.	13895	14798	21	2 6	20	2 2 2	7 0	d re	130	114	139	158	000	200	0 r	54	73
272	Poole	12076	12891	50	24	24	24	32	0	92	66	IOI	00	ינט וינט	89	55.	62	46
273	Wareham	16540	17413	30	200	50	32	200	124	120	143	157	NO I	72	∞ (1.00 100	79	0 >
47.2	Neymouth	10004	22551	34	30	4 7 7 7	4 4 5 4	20	~ C	1001	170	278	SOC	126	671	1 2	152	120
276	Sherborne	12242	13081	ISI	200	91	507	23	86	95	LIS	109	401	26	77	999	72	609
277	Beaminster	15112	14275	24		19	26	28	129	143	III	115	N	99	82	89	11	75
278	Bridport	16674	06891	30	21	29	31	33	3	139	183	130	COL	65	82	16	o I	78
	19. DEVONSHIRE.							14 14 1										
279	Axminster	20583	20302	32	27	31	32	44	158	155	152	148	154	90I	105	120	109	\vdash
280	Honiton	23892	23824	(C)	30	43	34	23	140	100 H	191	172	204	6	102	981	113	4
281	St. I homas	47104	48810	200	2,7	200	202	20	333	370	324	300	344	1 CO	194	229	240	S
202	Newton Athor	31312	32010	80	408	7 0	011	94	414	42.4	707	237	251	200	191	262	150	201
284		24128	34008	99	, 25	47	50	00	257	250	281	250	212	20	1001	190	130	0 4
200	ridge	21537	21376	31	24	28	17	28	188	194	210	163	163	0	113	86	92	10
286	Plympton St. Mary	10861	19715	14	61	H C	91	19	162	164	134	144	154	80	162	79	100	OII
202	Plymouth.	36520	52223	145	125	133	143	136	395	455	397	427	406	2000 2000 2000 2000	290	221	291	33
2000	East Stonehouse.	9712	11971		47	40	4 6	45,	735	90	103	211	113	2-1	0 00	163	S C	00 I
200	Tavistock	33020	20100	26	1 6	26	227	42	246	200	107	3.77	286	> 6	120	OLI	200	,~ T.
291	Okehampton	2200I	20394	33	3 60	355	36	26	146	157	137	147	139	103	601	7	50	$\circ \circ$
292	Crediton	22030	21727	34	31	22	28	18	191	163	163	154	185	00	16	92	101	-
293	Tiverton	38172	39531	22	210	99	 	74	299	290	304	311	310	 	200	229	184	199
294	South Molton	20082	20566	42	33	36	46	37	140	159	175	203	491	100	95	132	95	80
295	Barnstaple	719	38178	03	022	ro 6	700	60	303	279	262	316	272	NV	150	194	101	176
290	Ridoford	070	17492	277	3.5	25	0 00	500	CII	771	777	001	122	D 1	2/	46	60	0/
208	Holsworthy	19501	19012	32	26	272	50 IQ	2 10	145	159	1000	104 82	80	70	38	43	71	4 t t
	20. CORNWALL.	3)		•	\)							>		•	
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277	NUMBER OF THE STATE OF THE STAT	9432	0000	-	7.2	C.7	57	1/4	20	14.	00	. 15	11	41	51	40	20	40

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49	103	89	175	IOI	118	991	235	96	171	305	301	56		113	130	107	445	120	100	000	141		102	191	66	431	300		Ī	00	4 4 4 7 7 7 7	79	64	72	200	186	27
40	78	64	142	87	95	180	227	111	137	286	351	4		LOI	66	205		147	136	104	145	IOI	Loi	105	121	379	212)		0	308	011	100	27	09	201	31
41	26	100	132	94	9	IZI	N	01	9	301	01	14		100	211	183	001	2,00	1 1 2 2	211	147	105	103	184	120	120	691	`		C	307	\ O	66	02	16	162	36
57	72	0	156	66	41	102	0	0	3	7	N	0		00	N C	200		7 0) H	-	4	0	31	0	N 1	158	-1 C			L	477	120	84	900	70	248	37
32	79	98	135	103	10	134	01	0	=	3	3	9		60I	122	170	501	2,4	165	128	145	77	93	143	102	429	171			1	445	200	70	00	v 4	185	32
80	135	123	321	141	147	318	345	146	262	538	507	23		137	212	269	067	101	700	102	206	142	136	254	200	511	347			1	000 000 000 000 000	149	125	611	110	275	70
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11,	1/1	IIZ	293	174	134	300	351	158	232	Sol	463	17		155	1/1	202	290	139	777	101	220	150	202	240	224	500	317	•		1	517	146	113	711	601	282	65
88	137	52	321	144	141	240	376	191	240	420	390	II		00	9	4 1	1 0	ro () c	32	~ O	1	4	10	4	507	0 0			Ç	500	191	66	901	100	244	84
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13	23	56	58	30	30	ro.	89	43	55	140	100	ນຸ		34	34	79	70	2 2	000	24	34	12	59	51	24	143	000 000 000 000 000	}			108	I	13	21	2 ×	. co	OI
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II	12	81	40	38	42	48	73	31	4	87	75	w		11	40	101	0.7	42	46	200	27	2 2 2	56	63	56	137	Ç2	1			201	41	19	2 N	0 X	74	6
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8449	61891	16542	33833	20492	17394	32069	42270	22042	28399	53627	53519	2627		989	22084	35126	33105	10507	28470	21210	25325	16958	21341	33059	25227	09830	38171			7077	77023	18523	16341	14813	12570	32062	7986
8063	16727	16120	26475	20800	19191	31408	43148	21700	32538	48047	50114	2582		19374	177	33422	31/93	96101	21002	21286	25817	17645	50000	32204	25190	09083	36280	NOX		770,7	64200 64781	192261	16467	10021	15//5	26815	0964
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Camelford	Launceston	St. Germans	Liskeard	Bodmin	St. Columb	St. Austell	Truro.	Falmouth	Helston	Redruth	Penzance.	Scilly Islands	21. S	Williton	Wellington	Launton Reidewet	Tongnont	Chard	Venvil	Wincanton	Frome		Wells .	Axbridge	Clutton	Earn Keynsham	Bedminster	VI. WEST MIDLAND DIVISION		Paietol	Clifton	Chipping Sodbury	Thornbury	Wasthury-on-Sovern	Newent	Gloucester	W heatenburst
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					MARRIA	RIAG	GES.			P***	BIRTHS	Š			D	DEATHS	zó.	
	DISTRICTS	POPULATION	ATION.				RE	REGISTERED	MI	тнв Q	QUARTER	ENDIN	G THE	LAST D.	AY OF			
					A	MARCH.					JUNE.					JUNE.		
		1841	1851	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852
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330	Strond	38929	37377	40 10	လ လ လ	 0 ∞	04 4	£ 0	253	293	309	3000	283	221	254	190	208	241
340	Cirencester	20728	21328	30	21	26		24		183	173	1	180	108			105	102
341	Storr on the Wold	19901	10984	71	χ : Σ :	20 6	13	II		122	§ %	88	20 T	9	4 0		45	59
343	Winchcomb	10000	10135	200	4	12		10		69	0 00	19	202	22.0			4 4 2	N 10
344	Cheltenham	40246	44193	9/	77	81		74		312	301	286	283	981			214	226
345	Lewkesbury	14958	15130	ΙQ	23			77	3	₹	129	141	(3)	73			66	(1)
346	Ledbury	12885	13141	91	17	91		22	89	81	3==6	84	0	IOO	59	15	71	69
347	Ross , , , .	14800	15489	21	1.5	23	20	25	III	96		109	114	10	00	10	59	10
348	Hereford	34458	35158	27.0	53	64	51	73	234	233	248	25.4	247	212	211	172	171	220
349	•	2404	61/0	0 0	77		7,7	7.57	13	4 ×		202	× × ×	242	4 1	41	14	39
0 K	Leominster	1493	14910	12	21	0	242	50	122	121		120	801	70	800	80	74.	2 2
	HROPSHII	3				\										`	•	
332	Ludlow	17521	17045	10	17	17	30	24	86	121	II3	124	113	99	86	95	72	83
33.3	Club.	10022	81101	17		11	II	H C	40	70	75	68	2	57	200	XO 1	21	46
354 255	ner.	0000	8622	n 0	0 . 1	0 0	70 II	30	32	4 4	4 n	4.00 2.00	24.2	2 50	37	10 t	S r	5 x
350	Bridgnorth	15878	15590	22	I I	23.0	91	L3	94	128	I OS	105	III	68	93	47	73	4 17
357	Shiffnal	11050	11482	21	29	17	29	20	10	63	73	9	20,	67	69	45	69	33
358	Madeley	26255	27626	27	32	26	2 22	33	\vdash	230	249	\	261	207	171	144	169	183
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a The Town of Dudley is in Worcestershire, but the greater part of the population of the Dudley District (382) being located in Staffordshire, it is classed with that county, -- See note page 9.

					MAJ	MARRIÀ	GES.		A STATE OF THE STA	B	BIRTHS				D	DEATHS			-
		POPULATION	ATION.				RE	REGISTERED	IN	тнв О	QUARTER	ENDING	THE	LAST DAY	AY OF				
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a This district was formed Jan. 1st, 1850, by the severance of two sub-districts from Chorlton (471), which being added to the former district of Worsley, constitute the new district and Poor Law Union of "Barton-upon-Irwell,"

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02 Dewsbury 45698 04 Wakefield b 28003 04a Hemsworth 30935 05 Barnsley b 30935 06 Barnsley b 31625 08 Sheffield 31625 09 Sheffield 32402 11 Thorne 15316 12 Bookle 15316 13 Selby 15316 14 Tadcaster 15428 15 Focklington 15428 16 Focklington 15428 17 Tadcaster 15428 16 Focklington 15428 17 Focklington 15428 10 Focklington 15565 20 Focklington 15428 10 Focklington 15428 10 Focklington 13061 21 Focklington 13061 22 Sculcoates 15074 23 Borifield 237 </td <td>89414</td> <td>48964</td> <td>29938</td> <td>8155</td> <td>497</td> <td>32010</td> <td>37911</td> <td>103602</td> <td>32961</td> <td>34669</td> <td>15884</td> <td>13916</td> <td>547</td> <td>995</td> <td>11111</td> <td>711/6</td> <td>14404</td> <td>10440</td> <td>10004</td> <td>44714</td> <td>50552</td> <td>9403</td> <td>9274</td> <td></td> <td>14322</td> <td>24611</td> <td>22120</td> <td>CITATI</td> <td>12760</td> <td>12456</td> <td>8466</td> <td>21595</td> <td>12202</td> <td>8665</td> <td>12460</td> <td>8972</td> <td>10057</td> <td>5024</td> <td>10842</td> <td>15045</td>	89414	48964	29938	8155	497	32010	37911	103602	32961	34669	15884	13916	547	995	11111	711/6	14404	10440	10004	44714	50552	9403	9274		14322	24611	22120	CITATI	12760	12456	8466	21595	12202	8665	12460	8972	10057	5024	10842	15045
Dewsbury Wakefield b Odd Wakefield b Odd Barnsley b Wortley b Ecclesall Bierlow Sheffield Doncaster 11 Thorne Goole Selby 12 Goole 13 Selby 14 Tadcaster 15 Pocklington 17 Howden 18 Beverley 20 Ryirlaugh 21 Patrington 22 Skirlaugh Driffield Bridlington 23 Ryirlaugh Driffield Bridlington 24 37. North Ridle Scarborough Driffield Bridlington Scarborough Bridlington Scarborough Driffield Bridlington Scarborough Whitby Guisbrough Stokesley Stokesley Bedale 37 Ryeking Bridlington Scarborough Bridlington Scarborough Bridlington Scarborough Bridlington Scarborough Bridlington Skirlaugh Driffield Bridlington Skirlaugh Driffield Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Brickning Brickning	00409	45698	28003	8304	30935	29755	31625	85293	28785	32402	15316	12529	15102	19565	0111	0///4	15420	18064	42601	30217	41150	2020	9017	16828	13061	10010	16717	+10+1	12400	12852	9689	20111	10535	8988	12571	8927	8466	12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	07.50	13403
Dewsbury Wakefield b Pontefract b Hemsworth Barnsley b Wortley b Ecclesall Bierlow By Choraster Thorne Goole Selby Tadcaster Tadcaster Selby Beverley Selby Beverley Selby John Howden Beverley Selby Afrington Bridlington Bridlington African Bridlington Bridlington Bridlington African Bridlington Brickering b Brickering b Brickering b Brickering b Brickering c Br		•	•	•	•	•	•	•	•	•	•	•	•	P	A O K	•	•	•	•	•	•	•	•	•	•		•	•	• •	• •	•		٠	•	•	•	•	•	•	•
Dewsbury Wakefield b God Wortleyb Barnsley b Beclesall Bierlow Sheffield Doncaster Thorne Goole Selby Tadcaster Tadcaster Selby Beverley Selby Beverley Selby Bridlington Bridlington Bridlington Bridlington Bridlington Arrington Skirlaugh Driffield Bridlington Skirlaugh Bridlington Brickering b Brickering b Brickering b Brickering b Brickering c Bric	•	•	•		•	•	•	•	•	•	•	•	•	•	WIIH	•	•	•	•	•	•*	•	•	•	•	DING.	•	•	• •		•	•	•	•	•	•	•	•	•	•
Dewsbury Wakefield Wakefield Pontefract Hemsworth Barnsley Wortley Beclesal B Sheffield Boberley Goole Goole Goole Goole Goole Goole Goole Afrington Selby Patrington Selby Patrington Selby Pocklington Patrington Selby Beverley Beverley Bridlington Bridlington Skirlaugh Driffield Bridlington Skirlaugh Driffield Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Bridlington Bridlington Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Bridlington Bridlington Skirlaugh Brickering	•	•	٠	٠	٠	٠	low	٠	•	٠	•	٠	•		DIVE	•	•	•	•	•	•	•					•	•	• •		•		٠			•	٠		•	•
20000000000000000000000000000000000000	Λ.				ę.	ь.	Bier		nm.	er.				ir.	TOT TO	· ton	TON S		. 50	S C	•	on	ų.	•	ton	TAOR:	nano	plo.	7	-	තිර		ngh	· ×	erton	•	•		• 5	101
2000 000 000 000 000 000 000 000	Dewsbur	Wakefie	Pontefra	Hemswo	Barnsley	Wortley	Ecclesall	Sheffield	Rotherh	Doncaste	Thorne	Goole.	Selby.	Tadcaste	Su. LA	Dool-line	Howden	Ronarlar	Composet	Deuteval	Hull .	Fatringt	Skirlang	Driffield	Bridling	Soonbow	Malton b	Hasing	Thirsk b	Helmsle	Pickerin	Whitby	Guisbro	Stokesle	Northall	Bedale	Leyburn	Askrigg	Richmor	NICHIIIO.
	502	0	504	504a	505	506	507	508	509	510	511	12	13	14	1	515	510	217	510	Η.	4	7	(1	CI	61		V C	1 (3 C	1 0	~	3	532	533	534	535	536	537	530	539

Ashton (474) and Oldham (475) formed one District down to March 31st, 1848, when each of the Unions of Ashton and Oldham became a separate District, b Changes have taken place in the constitution of these Districts since 1st January 1849.

P. Hemsworth (504\$\alpha\$) has been constituted a District, by the severance of parishes chiefly from the Pontefract District, since 1st January 1850,

	The second second	70.00%		
		,	1852	282 282 292 202 203 203 204 204 205 205 205 205 205 205 205 205
70			1851	2001 2001
DEATHS		JUNE.	1850	26 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
[Q ,	AY OF		1849	201 101 102 103 103 103 103 103 103 103 103
	LAST D.		1848	388 193 100 100 100 100 100 100 100 10
	THE		1852	255 255 255 255 255 255 255 255
	ENDING		1851	188 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
BIRTHS	QUARTER	JUNE.	1850	25.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5
B	тнте Q		1849	2018 100 100 100 100 100 100 100
	RED IN		1848	0 1 2 2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	REGISTERED		1852	811 811 820 80 80 841 841 841 841 841 841 841 841
GES.	B		1851	800 800 800 800 800 800 800 800
V		MARCH	1850	11 1 2 2 4 4 6 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
MARRI		A	1849	80 4 8 8 8 8 8 8 8 9 8 8 8 9 9 8 1 1 4 2 9 1 9 9 8 7 9 8 8 9 9 8 7 9 9 9 9
			1848	E 0 4 H H H C 1 2 8 H C 2 7 H H H C 1 8 H C 1
	ATION.		1851	229302 197011 197012
	POFULATION		1841	239915 239915 239915 239915 2400 2500 2700
DISTRICTS. PC			X. NORTHERN DIVISION. 38. DURHAM. Darlington Stockton. Auckland Teesdale. Weardale. Durham. Easington Houghton-le-Spring. Chester-le-Street. Sunderland South Shields Gateshead 39. Northumberland. Newcastle-upon-Tyne Tynemouth Castle Ward Hexham. Haltwhistle Bellingham Morpeth. Alatwick Glendale. Rothbury. 40. Cumberland. Rothbury. Alston Penrith Brampton Longtown Carlisle Wigton Carlisle	
	*** ***			0 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 + 4 +

185	88 444 182	107	256 673 102 212 267	122 85 108 183	122	120 119 449 65 122 43	173
149	43 43 177	97 379 153 231	271 1222 1220 2448 267	111 89 83 231	119	121 91 58 60 151 71	64 109
257	76 32 172	156 156 163 229	274 1111 246 213	115 83 94 193	120	82 101 62 128 128	39
198 267 24	38	82 141 185 286 286	442 942 128 309 232	11 8 22 2 2 3 30 30 30 30 30 30 30 30 30 30 30 30 30 3	113	1114 124 176 195 63	48 139
197 224 28	388	101 1111 360 163 243	247 132 132 233	110 83 183	101 143 179	86 93 55 116	36
320	92 50 287	233 278 387 387	4 8 8 1 4 8 8 8 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9	229 128 154 342	203	149 147 68 102 183 89	66 141
354	108 63 307	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	390 864 168 493 392	217 122 128 296	203 223 295	129 140 185 185 65	124
305	292	166 241 620 268 334	363 721 182 460 372	215 147 169 328	222	161 209 59 103 239 89	135
347	100 60 295	141 237 633 317 289	333 331 331 331 331 331	231 129 135 349	200 197 342	159 149 115 182 91	63
330	99 61 297	152 648 648 308	358 217 2185 331	210 130 156 321	205	184 149 58 117 204 81	71 125
5	15 9 45	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	95 189 72 81	049	36	38 72 71 71 74 74	12 19
1 20 0	H H 3	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	110 193 33 126	16 16 63	30	16 18 18 16	128
7 4 6	11 8 74	130 32	76 180 40 91 84	M 20 621	33	44 5 1 1 2 1 4 4 4 6 1 9 4 6 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	23
48	16 3 41	44 8 4 4 5 7 5 6 7 6 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	156 33 59 67	37 21 21 68	23 80	32 26 30 30 44 71	18
8 1 2 8	15 12 46	36 117 45 63	61 156 32 64 83	26 38 55	33	0 8 4 1 2 8 8 8 1 8 8 8 8 1 8 8 8 8 1 8 8 8 8	112
38504 35613 6007	13664 8152 36564	19157 27365 59225 27963 43455	46484 76813 23416 46468 46951	23504 15055 17967 38137	22120 22954 39382	20179 20273 9883 13220 23743 10369	8346
35681 29988 5516	13809 7968 34832	16776 25305 50845 25038 33057	32557 52863 21355 32626 38649	20182 14726 17128 37523	21748 19670 37139	19903 20863 9865 12875 22242 10254	8714 17701
Whitehaven Bootle	East Ward West Ward Kendal ^a	XI. WELSH DIVISION. 42. Monmouthstee. Monmouth Abergavenny Pontypool Newport	43. SOUTH WALES. GLAMORGANSHIRE. Cardiff Merthyr Tydfil Bridgend Neath. Swansea CARMARTHENSHIRE.	Llandovery Llandilofawr Carmarthen PEMBROKESHIRE.	Narberth Pembroke Haverfordwest	Cardigan Newcastle-in-Emlyn Lampeter Aberayron Aberystwith Tregaron	Builth
577 572	575 473 775	0,00,00,00 0,00,00,00 0,00,00,00 0,00,00	2888 2888 488 548	\$5.50 \$8.80 \$9.80 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	590 591	2000 2000 2000 2000 2000 2000 2000 200	599

A slight change has taken place in the constitution of this District since 1st January 1850.

R ENDING THE LAST DAY OF	June.	1851 1852 1848 1849 1850 1851 185	230 267 151 151 155 115 I 98 84 54 49 65 66	112 119 68 92 76 89 84 63 77 58 63 49 59 30 60 67 46 56 34 41 23		110 92 79 83 104 66 79 220 222 199 264 178 153 157 154 151 100 106 110 112 117 143 147 91 143 107 109 100	320 348 196 271 223 219 203	448 363 338 287 231 243 22 108 99 103 62 102 8 130 173 130 155 126 130 12 102 96 53 82 90 58 5	88 113 93 84 96 71 8 111 82 60 39 24 29 2 111 82 67 98 69 60 8 140 155 59 100 105 51 7	158 153 102 85 106 91 105 251 241 158 151 162 175 207 303 268 193 207 164 169 240 74 76 52 64 76 53 50	200
IN THE	JUNE.	848 1849	267 249 230 66 68 82	111 122 120 72 65 93 61 73 56		86 102 98 221 193 216 107 159 124 130 110 152	318 327 367	399 385 413 103 132 106 141 132 122 75 91 87	106 106 100 35 45 35 100 103 89 139 158 167	181 150 166 299 286 289 317 307 256 87 83 94	100 cyc
REGISTER	March.	1849	40 45 49 45 46 10 13 15 14 14	16 15 21 27 13 19 9 10 9 13 8 10 6 7 7		14 17 11 12 23 28 23 36 38 34 26 22 22 26 17 21 20 29 26 31	62 43 44 51 45	78 67 85 91 86 20 12 28 25 18 39 30 32 31 33 16 13 12 19 10	14 20 17 15 15 3 6 8 8 9 17 13 18 26 19 16 25 14 19 18	34 42 32 26 26 38 48 43 52 43 47 62 53 39 41 17 17 12 3 15	7
OPULATION.			17676 21674 11329 10960	15739 15140 9315 9480 6722 6796		12307 12167 26016 25084 20983 20372 20450 19506	40798 41053	39558 42295 16609 16758 23547 25289 12322 12478	15089 15409 6953 6736 13211 12915 15460 16182	21637 21792 28509 30444 25901 30805 10706 11627	0,00
	TING IN		Crickhowell	Preste Knight Rhaya	44. NORTH WALES.	Machynlleth	Holywell	Wrexham Ruthin St. Asaph Llanrwst	Corwen Bala Dolgelly Festiniog	Pwllheli	Andreaser.
	POPULATION. REGISTERED IN THE QUARTER ENDING THE LAST DAY	REGISTERED IN THE QUARTER ENDING THE LAST DAY OF	POPULATION. REGISTERED IN THE QUARTER ENDING THE LAST DAY OF JUNE. JUNE.	POPULATION.	DISTRICTS. POPULATION.	DISTRICTS. POPULATION. March. March. June. June.	DISTRICTS. Architecture DISTRICTS. DISTRICTS DISTRICTS	The control of the	POPULATION. State State	Crickhowell	POPULATION Alternation Population Po

A TABLE OF THE DEATHS IN LONDON FROM ALL CAUSES,

Registered in the June Quarters of the 5 Years 1848 to 1852.

CAUSES OF DEATH.	ς	uarter	s endi	ng Jur	ne	CAUSES OF DEATH.	Q	uarter	s endi	ng Jun	e 1
	1848	1849	1850	1851	1852		1848	1849	1850	1851	1852
All Causes Specified Causes	12945 12877 3611				13173 13096	IV. Cephalitis Apoplexy Paralysis Delirium Tremens	140 256 269 35	151 330 278 33	137 337 262 41	154 313 267 32	127 295 238 39
Sporadic Diseases: II. Dropsy, Cancer, and other)	0011	0200	2002	2002		Chorea	64 5 23	74 7 21	64 6 31	91 9 20	3 95 11 36
Diseases of uncertain or variable Seat	560	553	526	547	603	Convulsions Disease of Brain, &c	499 155	516 161	417 180	511 142	466 156
III. Tubercular Diseases - IV. Diseases of the Brain, Spi- nal Marrow, Nerves and	2403 1446	2399 1571	2118 1479	2584 1545	2545 1461	V. Pericarditis Aneurism	21 20	34 26	26 24	32 14	37 19
V. Diseases of the Heart and	365	487	472	508	520	Disease of Heart	324	427	422	462	464
VI. Diseases of the Lungs and of the other Organs of	1672	1922	1726	2117	2088	Laryngitis	565 56	745 48	60 696 35	52 861 35	64 934 49
Respiration VII. Diseases of the Stomach, Liver, and other Organs	728	783	710	797	763	Pneumonia	732 136 122	815 152 118	712 127 96	909 151 109	783 139 119
of Digestion VIII. Diseases of the Kidneys,	149	136	180	156	171	Teething	120 18	131 12	119 15	173 11	146 21
IX. Childbirth, Diseases of the Uterus, &c	112	101	122	105	132	Gastritis Enteritis	14 82	27 89	22 87	30 73	19 84
X. Rheumatism, Diseases of the Bones, Joints, &c XI. Diseases of the Skin,	92	92	102	101	105	Peritonitis	65 24 34	59 25 27	55 21 22	51 32 23	50 26 34
Cellular Tissue, &c XII. Malformations	21 58	20 35	27 43	23 31	30 41	Hernia	40 24	37 S7	41 36	36 42	27 30
XIII. Premature Birth and De-	292	298	288	360	381 305	Intussusception Stricture (of the Intestinal)	12	15	13	10	15 16
XIV. Atrophy	312 498 133	263 465 172	239 484 180	318 540 105	573 107	Canal)	85	66	55	63 1	72
XVII. Violence, Privation, Cold, and Intemperance -	425	427	454	457	443	Hepatitis	29 31 133	39 44 160	60 23 128	49 45 144	47 40 130
Small Pox	381 306	113 368	103 232	209 495	472 199	Disease of Spleen VIII. Nephritis	5	3	2	11	6
Scarlatina	816 449 80	497 739 91	234 406 82	169 734 67	503 466 96	Nephria (or Bright's Disease, see Disease of Kidneys) - Ischuria	32	35	34	32	47
Thrush	49 239	35 240	23 200	22 191	23 163	Diabetes	10	12	9	10	11 11
Dysentery	17 50	268 16	25 9 36	34 3 108	35 8 33	Cystitis Stricture of the Urethra Disease of Kidneys, &c.	10 21 59	10 61	10 5 61	7 7 77	6 20 70
Purpura and Scurvy Ague	12 10	14	13 3	11 5	21 5	IX.	3	1	3	8	4
Remittent Fever Infantile Fever + Typhus	29 7 882	5 5 512	27 10 426	28 11 428	32 10 483	Ovarian Dropsy Childbirth, see Metria Disease of Uterus, &c X.	8 63 38	59 35	15 59 45	9 52 41	13 76 39
Childbirth	12 129	17 114	16 103	30 7 74		Arthritis Rheumatism Disease of Joints, &c	55 37	1 46 45	3 54 45	56 41	3 58 44
Syphilis Noma orCanker, see Mortification Hydrophobia	31 11 -	43	28 5 —	31 5		Carbuncle	6 5 10	8 7	12 10	3 6 14	8 8 14
Hæmerrhage	190	44 209	46 191	49 185	188	XVII. Intemperance Privation	12 5	13 13	23 4	16 5	2 0 8
Abscess	8	15 16 6	8 8	23 8 4	14	Want of Breast Milk, see Privation and Atrophy - Neglect	32 2	42	32	52	48
Mortification	52 224	42 197	25 219	51 206	34 242	Cold, see Privation Poison	35	27	1 25	19	5 19
Gout	15	24	12	21	23	Burns and Scalds Hanging, &c Drowning	41 42 78	52 32 67	63 77 61	48 50 70	50 78 59
Serofula	100 199	112 196	77 173	115 190	124 194	Fractures and Contusions - Wounds	138 30	139 26	131	159 31	121 19
Phthisis or Consumption Hydrocephalus	1699 405	1708 383	1548 320	1815 464	1790	Other Violence Causes not specified	10 68	12 81	19 106	137	15 77
Note.—The 13 weeks of 1852, c			L . T		adan in	the Weekly Tables of Monte	libra or	ndod 1	[mm a 0	04h :	-1:-1

Note.—The 13 weeks of 1852, constituting the June quarter in the Weekly Tables of Mortality, ended June 26th, in which 13173 deaths were registered. In the quarter ending June 30th (p.7), 12998 deaths were registered.

^{*}Under the head of sudden deaths are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the coroner in vague terms, such as "found dead," "natural causes," &c. &c.

[†] In the years previous to 1848, "worms" and "infantile fever" were classed together. The former, of rare occurrence, is now placed to Diseases of stomach, &c.

On the Meteorology of England, South of Scotland, and parts of Ireland, during the Quarter ending June 30th, 1852. By James Glaisher, Esq., F.R.S., Sec. of the British Meteorological Society.

The weather during the past quarter was cold and unseasonable, the mean daily temperatures having been, with few exceptions, below their average values. The average daily deficiency of temperature till May 6 was 1°·4; the period from May 7 to May 20 was tolerably warm, the average daily excess was 1°·5; and from May 21 to the end of the quarter the average daily deficiency was 4°·2. The long period from February 10 to the end of June was generally cold; to the end of May the direction of the wind was generally N.E. or a compound with East. The deficiency of rain, which had prevailed from the middle of February, continued till the end of April, but in June the fall exceeded by more than double the average amount.

The mean temperature of the air at Greenwich for the quarter ending May, constituting the 3 spring

months, was $46^{\circ} \cdot 2$, being $0^{\circ} \cdot 2$ below the average of 80 years.

					Tempe	rature o	f				Elastic	Woman		tht of
1852.		Air.		Evapor	ration.	Dew	Point.		r— Range.			pour.	Cubic of A	Foot
MONTHS.	Mean.	Diff. from ave- rage of 80 years.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave-rage of 11 years.	Water of the Thames.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.
April . May . June .	0 45·9 51·5 56·1	0 +0.2 -1.1 -1.9	0 -1.2 -2.3 -3.6	42·3 47·8 52·0	0 -1.5 -2.1 -2.6	38°0 43°8 48°2	0 -2.7 -2.7 -3.4	0 24·0 18·6 17·1	0 +7·4 -0·4 -3·1	0 48*2 54*8 59*3	in. •245 •302 •351	in. - '027 - '032 - '045	gr. 2*8 3*5 4*0	gr. -0'3 -0'8 -0'4
Mean .	56.1 -1.9		-2.4	47.4	-2.1	43.3	-2.9	19.9	+1.3	54.1	*299	- 035	3°4	-0.3
	è	gree of idity.	Rea Baror	$\mathbf{f} = \mathbf{f}$	Cubic	ht of a Foot Air.	Ra	in.	Daily Hori-		ing of Tl	ights	eter on G	rass.
1852. Months.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave-rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Amount.	Diff. from average of 37 years.	zontal move- ment of the Air.		Be- tween 320 and 400	Above 400	Low- est Read- ing at Night.	High- est Read- ing at Night.
April . May . June .	•757 •773 •767	-·051 -·011 +·005	in. 29·945 29·786 29·560	in. + · 245 - · 003 - · 254	gr. 545 535 526	gr. + 6 + 2 0	in. 0°5 1°9 4°6	in. -1°2 +0°1 +2°9	Miles. 100 90 100	23 8 0	5 8 9	2 15 21	0 16*0 14*0 34*2	50°0 49°8 55°8
Mean .	*766	019	29.764	004	535	+ 3	Sum.	Sum. +1'8	97	Sum.	Sum.	Sum.	14°0	55*8

Note.—In reading this table it will be borne in mind that the sign (-) minus signifies below the average, and that the sign (+) plus signifies above the average.

Thunderstorms occurred, or thunder was heard and lightning seen, on 12th, 14th, and 19th April at North Shields; on the 30th at Thame, Cardington, Bedford, Highfield House, and North Shields; on 11th May at Rose Hill, Oxford, and Holkham; on the 13th at Glasgow; on the 17th at Jersey, Guernsey, and Bedford; on the 18th at Jersey, Linslade, and Norwich; on the 19th at Durham; on the 22d at Guernsey; on the 25th at Jersey and Guernsey; on the 30th at Ryde and Grantham; on the 31st at Hartwell House; on 2d June at Highfield House; on the 3d at Durham, North Shields, and Glasgow; on the 4th at Highfield House and North Shields; on the 5th at St. John's Wood; on the 7th at Norwich; on the 14th at Grantham, Holkham, Highfield House, and Glasgow; on the 18th at Wakefield; on the 19th at Royal Observatory, St. John's Wood, Rose Hill, Thame, Oxford, and Linslade; on the 20th at Gainsborough; on the 21st at Holkham, Highfield House, Hawarden, Manchester, Wakefield, Durham, Newcastle, and North Shields; on the 22d at Glasgow; on the 24th at Norwich; on the 26th at Dunino; on the 27th at Thame and Glasgow; and on the 28th at York and Newcastle.

Thunder was heard, but lightning was not seen, on 21st April at Stone; on the 30th at Thame, Stone, Hartwell House, Royston, and Grantham; on the 5th and 6th May at Helston; on the 11th at Thame and Norwich; on the 17th at Rose Hill, Thame, and Hartwell Rectory; on the 18th at Guernsey, Stone, and Hartwell Rectory; on the 19th at Hartwell Rectory; on the 29th at Stone; on the 31st at Hartwell Rectory; on 1st June at Royal Observatory; on the 2d at Stone, Linslade, and Wakefield; on the 3d at Dunino; on the 4th at Grantham, Highfield House, Gainsborough, Wakefield, York, and Dunino; on the 6th at Gainsborough and Stonyhurst; on the 8th at Stone, Stonyhurst, Durham, and Dunino; on the 9th at Norwich; on the 10th at Grantham and Highfield

House; on the 14th at Rose Hill, Thame, Stone, Hartwell Rectory, Royston, Cardington, Norwich, and Grantham; on the 15th and 16th at Grantham; on the 17th at Helston, Highfield House, Stonyhurst, and North Shields; on the 18th at Highfield House, Gainsborough, and Stonyhurst; on the 19th at Stone and Hartwell Rectory; on the 20th at Highfield House; on the 21st at Grantham, Highfield House, and Liverpool; on the 22d at Dunino; on the 23d at Newcastle; on the 24th at Holkham; on the 25th at Jersey; on the 26th at Highfield House and Dunino; on the 27th at Stone, Hartwell Rectory, Royston, Cardington, and Wakefield; and on the 28th at Gainsborough, Wakefield, and North Shields.

Lightning was seen, but thunder was not heard, on 17th May at Thame, Oxford, Hartwell House, Royston, and Norwich; on the 22d at Jersey; on the 23d at Jersey and Guernsey; on the 24th at Jersey; on the 26th at Guernsey; and on the 17th June at Holkham and Stonyhurst.

Hail fell on 3d April at Holkham; on the 4th at Hawarden; on the 3oth at Thame, Hartwell Rectory, and Bedford; on 1oth May at Truro, Rose Hill, and Oxford; on the 11th at St. John's Wood, Rose Hill, Thame, Oxford, Hartwell Rectory, Linslade, Royston, Cardington, and Highfield House; on the 12th, 14th, and 19th at North Shields; on the 29th at Hawarden; on the 3oth at Jersey, Oxford, Hawarden, Liverpool, Stonyhurst, North Shields, and Glasgow; on the 31st at Hartwell Rectory, Royston, Grantham, Hawarden, Liverpool, Stonyhurst, and Durham; on 1st June at Highfield House and Liverpool; on the 2d at Oxford and Highfield House; on the 3d at Stonyhurst; on the 5th at Glasgow; on the 1oth at Gainsborough; on the 14th at Rose Hill and Hartwell Rectory; on the 18th at Highfield House; on the 21st at Highfield House and Wakefield; on the 24th at Highfield House; and on the 27th at North Shields.

Fog was prevalent on 5th April at Thame; on the 10th at Greenwich; on the 17th at Ennis; on the 28th at Helston; on the 29th at Helston and North Shields; on the 18th, 24th, and 25th May at Durham; on 5th June at Stone; on the 7th at North Shields; and on the 30th at Helston.

Auroræ were seen on 1st April at Highfield House; on the 9th and 11th at Stonyhurst; on the 14th at Glasgow; on the 16th at Dunino; on the 18th at Stonyhurst; on the 20th at Rose Hill; on the 21st at Oxford and Highfield House; on the 22d, 23d, and 26th at Highfield House; on 1st May at Stone; on the 2d at Stone and Hartwell Rectory; on the 3d at Hartwell Rectory and Highfield House; on the 19th at Stone; on 11th June at Royal Observatory; and on the 24th at Highfield House.

Snow fell on 3d April at Linslade; on the 4th at Stone, Hartwell Rectory, Highfield House, Hawarden, Liverpool, and North Shields; and on the 19th at Norwich.

Rain at Jersey between 3d and 4th June, in 24 hours, was 1·2 in. At Truro on the 24th of April was 0·9 in.; on the 18th May was 2·3 in.; and on the 3d, 7th, and 16th of June was 0·6 in. on each day. At Ryde on the 11th of June was 0·9 in.; and on the 26th was 0·5 in. At Royal Observatory on the 9th of June was 1·4 in.; and on the 10th was 1·0 in. equal to 2·4 in. in about 40 hours. At St. John's Wood on the 9th of June was 1·5 in. At Rose Hill on the 14th of June (hail and rain mingled) was 0·2 in. in 6 minutes. At Thame on the 2d of June was 0·5 in.; and on the 9th and 10th was 1·2 in. in about 20 hours. At Oxford on the 9th of June was 1·7 in. At Stone on the 3d of June was 0·6 in.; and on the 10th was 1·3 in. At Linslade on the 2d of June was 0·7 in.; on the 9th was 0·7 in.; and on the 14th was 0·6 in. At Royston on the 26th of June was 0·8 in. At Bedford on the 30th of April was 0·5 in. on the 26th of May was 0·9 in.; and on the 2d and 9th of June was 0·5 in. on both days. At Grantham on the 3d of June was 0·7 in. At Highfield House on the 8th of June was 0·6 in.; and on the 14th (rain and hail mingled) was 0·3 in. in 9 minutes. At Hawarden on the 19th of May was 1·2 in. in 7 or 8 hours; and on the 8th of June was 0·5 in. At Gainsborough on the 14th of June was 0·5 in. At Wakefield on the 21st of June was 0·8 in. in 8 hours. At Leeds on the 21st of June was 0·5 in. At Stonyhurst on the 13th of May was 1·0 in.; and on the 14th of June was 0·5 in. At York on the 14th of June was 0·7 in. At North Shields on the 11th of June was 1·2 in.; on the 16th and 17th was 1·0 in.; on the 2sth was 1·9 in.; and on the 26th of June was 0·5 in. At Glasgow on the 14th of May was 1·0 in. in 24 hours. At Dunino on the 26th of June was 0·5 in. in 20 minutes. At Ennis on the 12th of May was 0·6 in.; on the 14th of June was 0·6 in. on the 17th and 20th was 0·7 in. on both days; on the 25th was 0·6 in.; on the 28th was 0·6 in.

Solar Halos were seen at the different stations on 19 days only during the quarter.

Lunar Halos were seen on 15 days only at the different stations during the quarter.

Lilae in flower at Jersey on 16th April; at Guernsey on 17th April; at Helston on 25th April; at Rose Hill on 11th May; at Linslade on 17th May; at Cardington on 20th May; at Grantham on 19th May; at Holkham on 18th May; at Highfield House on 15th May; at Hawarden on 11th May; at Gainsborough on 8th May; and at Dunino on 31st May.

Wheat in ear at Jersey on 7th June; at Guernsey on 14th June; at Helston on 12th June; at Rose Hill on 17th June; at Hartwell Rectory on 23d June; at Linslade on 13th June; at Cardington on 12th June; at Grantham on 10th June; at Holkham on 11th June; at Highfield House on 19th June; at Hawarden on 12th June; and at Gainsborough on 12th June.

Wheat in flower at Jersey on 17th June; at Linslade on 24th June; at Cardington on 30th June; at Grantham on 27th June; at Holkham on 23d June; at Highfield House on 26th June; at Hawarden on 22d June; and at Gainsborough on 24th June.

NAMES OF THE	Mean Pressure of dry Air reduced to the level of the Sea.	Mean Temperature of the Air.	Highest Reading of the Thermometer.	Lowest Reading of the Thermometer.	Mean Daily Range of Tem- perature.	Mean Monthly Range of Temperature.	Range of Temperature in the Ouarter.	Mean Temperature of Evaporation.	Mean Temperature of the Dew Point.	Mean estimated Strength.	General Direction.	Mean Amount of Cloud.	Number of Days on By which it fell.	Amount collected.	Mean Weight of Vapour in a cubic foot of Air.	Mean additional Weight required to saturate a cubic foot of Air.	Mean degree of Humidity.	Mean whole Amount of Water in a vertical column of Atmosphere.	Mean Weight of a cubic foot of Air.	Height of Cistern of the Barometer above the level of the Sea.
Jersey - Guernsey - Helston - Truro - Torquay - Exeter - Ventnor - Chichester - Southampton - Royal Observatory Chiswell - St. Brewer St. John's Wood - Rose Hill - Thame - Radeliffe Observatory Hartwell House Hartwell Rectory - Linslade - Royston - Cardington - Bedford - Norwich - Grantham - Derby - Holkham - Highfield House Hawarden - Gainsborough - Liverpool - Manchester - Wakefield Prison - Leeds - Stonyhurst - York - Durham - Newcastle - Glasgow - Dunino	29°659 29°674 29°674 29°678 29°643 729°640 29°609 729°640 29°577 29°590	$\begin{array}{c} 51 \cdot 25 \cdot 23 \\ 55 \cdot 23 \cdot 35 \\ 50 \cdot 25 \cdot 23 \\ 51 \cdot 34 \cdot 35 \\ 51 \cdot 47 \cdot 51 \cdot 55 \\ 50 \cdot 77 \cdot 51 \cdot 55 \cdot 33 \\ 50 \cdot 70 \cdot 67 \cdot 50 \cdot 67 \\ 50 \cdot 67 \cdot 50 \cdot 57 \cdot 50 \cdot 57 \\ 50 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \cdot 57 \\ 57 \cdot 57 \cdot$	68.5 72.0 66.0 72.0 66.0 73.0 74.7 75.0 73.5 73.0 71.1 73.5 73.7 75.4 76.0 74.0 78.8 79.0 78.8 79.0 74.0 78.8 68.0 68.8	33°0 33°0 36°0 36°0 31°0 31°0 31°0 31°0 31°0 31°0 32°5 32°2 31°0 32°2 32°3 32°3 32°3 32°3 32°3 32°3 32	10.4 10.4 10.4 10.5	22°2°2°3°3°3°4°3°4°4°3°4	29°.52° 39°.62° 39°.62° 39°.62° 39°.62° 39°.62° 31°.02° 43°.02° 44°.02° 44°.02° 44°.02° 45°.52° 45°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 54°.02° 55°.02° 54°.02° 55°.	5500 4899 4891 4801 4801 4801 4801 4801 4801 4801 480	48 6 47 8 44 9 44 14 16 14 16 16 16 16 16 16 16 16 16 16 16 16 16	1.5 2.1 1 0.7 2.2 0.4 — — — — — — — — — — — — — — — — — — —	N.E. & S.W. E. & S.W. S.E. & S.W. N.E. &	4.88 5.28 5.99 6.04 1.1 6.5 6.66 6.88 7.1 6.56 6.66 6.89 7.08 6.76 7.1 1.4.5	37 36 40 38 32 42 35 40 38 39 41 40 39 43 41 45 43 45 44 45 44 45 46 47 48 48 48 48 48 48 48 48 48 48	in. 8*2 7*11 9*8 10*3 8*4 7*6 87 7*78 9*4 6*9 4*6 4*9 4*6 4*9 4*6 4*9 4*6 6*0 4*4 7*0 6*2 5*9	#** 0 1 4 6 8 5 4 6 4 6 7 4 5 4 7 7 2 4 6 6 8 6 2 2 7 7 8 4 5 7 7 3 3 2 8 6 4 4 4 2 2 3 5 8 6 6 8 6 2 2 7 7 8 4 5 7 7 3 3 2 8 6 4 4 4 2 2 3 5 8 6 6 8 6 8 6 2 2 7 7 8 6 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	0'3 0'7 0'8 0'9 1'1 1'0 0'9 1'1 1'3 1'0 0'7 1'1 0'7 1'1 1'1 1'1 1'1 1'1 1'1 1'1 1'1 1'1 1	0*860 0*920 0*846 0*819 0*777 0*814 0*759 0*766 0*771 0*812 0*833 0*776 0*844 0*752 0*849 0*752 0*849 0*767 0*697 0*789 0*777 0*789 0*789 0*789 0*789 0*7789	in. 4.9 5.07 4.51 4.1 4.3 4.1 4.3 4.1 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3 4.3	gr. 536 536 536 535 535 535 536 535 536 533 534 533 534 533 536 537 538 539 538 539 538 539 538 539 538 539 538 539 538 538 538 538 538 538 538 538 538 538	feet. 85 123 106 55 160 110 140 150 23 60 159 61 150 270 230 210 320 250 290 313 271 100 39 190 100 39 193 130 37 115 138 381 50 352 121 121

The mean of the numbers in the first column is 29.616 inches, and it represents that portion of the reading of the barometer due to the pressure of air; the remaining portion, or that due to the pressure of water, is 0.302 inch; the sum of those two numbers is 29.918 inches, and it represents the mean reading of the barometer for the quarter at the level of the sea.

The highest readings of the thermometer in air were 79° at Hartwell House, Norwich, Highfield House and Wakefield, and 78°8 at Holkham. The lowest readings were 22° at Linslade and Cardington, and 22° 3 at Stone. The least daily ranges of temperature took place at Torquay, Ventnor, and Guernsey; and the greatest at Manchester and Highfield House.

Rain fell on the least number of days at Liverpool, Ryde, Royal Observatory, Norwich, and York; and on the greatest number at Royston, Wakefield, Durham, and Hawarden. The least falls took place at Liverpool, Leeds, and Gainsborough, and the mean amount at those places is 4.4 inches. The largest falls occurred at Torquay, Truro, Oxford, and Rose Hill, and their average is 9.8 inches.

QUARTERLY METEOROLOGICAL TABLE for different PARALLELS of LATITUDE.

PARALLELS OF LATITUDE, &c.	Air. Mean of Highest Readings of the Thermometer. Mean of Lowest Readings of the Thermometer. Average Daily Range of Temperature. Average Quarterly Range of Temperature. Average Quarterly Range of Temperature. Mean Temperature of the Dew Point. Mean Amount of Cloud. Average Rull. Average fall. Average fall.	Mean degree of Humidity. Mean whole Amount of Water in a vertical column of Atmosphere. Mean Weight of a cubic foot of Air. Mean Height above the Sealevel.
In the Counties of Cornwall and Devonshire South of latitude 51° Between the latitudes of 51° and 52° Between the latitudes of 52° and 53° Between the latitudes of 53° and 54° Liverpool Durham and Newcastle Glasgow and Dunino	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	in. gr. feet. 0'805 4'5 535 115 0'759 4'2 536 42 0'792 4'2 534 243 0'794 4'2 537 118 0'762 4'0 536 160 0'785 4'4 536 37 0'835 4'1 536 237 0'768 4'1 536

In the formation of this Table the results from Jersey and Guernsey have not been combined, on account of the great difference in the ranges of temperature between these two places. For the same reason, those from Ryde and Ventnor have not been combined. The results from Chiswell-street Brewery have also not been combined.

Tables.
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Mean Tem- perature of	Dew Point.	0	41.6 50.0 52.2	42°7 49°0 54°2	41.8 48.0 52.2	40°3 47°1 50°5	36.0 44.0 48.6	35.4 40.0 51.9	37.1 46.7 49.9	40.2 47.1 52.7	36°9 44°1 49°0	35°5 43°9 50°9	38.0 43.8 48.2	35.7 45.1 51.8
Mean	Evaporation.	0	45°0 51°3 54°4	44°7 50°4 54°8	45°2 50°4 54°0	44.6 49.8 52.8	41.3	41°3 46°2 53°7	42°4 49°5 52°5	111	1.1.1	41.5 48.1 53.7	42°8 47°8 52°0	42.3 49.6 54.6
	Mean Daily Sange.	0	15°9 15°3 15°5	10.5	14.3 12.8 12.6	16.8	6.6	21.5 20.2 18.9	20.0 18.8 14.4	12.3 9.9 8.0	19.7 17.0 13.0	18.3 14.1 12.5	24.0 18.6 17.1	16.3
	Mean of all the Lowest.	0	41.6 47.4 51.4	48°9 48°9 52°8	42.9 52.3	40.5 46.5 50.9	43.1 49.0 52.9	33.3 40.8 8.8	35°7 42°8 47°8	42.1 48.0 53.0	37.8 45.6 51.4	28°3 47°3 52°5	34.2 43.2 49.4	40°2 49°1 54°5
Air.	Mean of all the Highest.	0	57.5 62.6 66.9	54.0 59.4 63.3	61.1 64.9 64.9	57.3 60.4 62.9	49.7 55.4 59.3		55°7 61'6 62'2		57°5 62°6 64°4	56.6 61.4 65.0	58.2 61.8 66.5	56°5 62°3 65°8
f the A	Range in the Month.	0	87.0 88.0 89.0	22.0	34.0 30.0 24.0	83.0 28.0	21.0 19.0 13.0	4,6569	1 1 1	28.0 28.0 20.0 20.0	37.0 40.0 24.0	34.0 37.0 27.3	48.0 44.1 31.7	38°5 26°0
Temperature of the	Lowest.	0	88.0 0.88.0 0.44	39.0 43.0 47.0	33.0 48.0 48.0	26.0 34.0 41.0	36.0 41.0 49.0	4.14 4.14	111	88°0 46°0	30.0 45.0	33.0 43.7	26.7 29.3 41.0	34.0 36.5 46.0
emper	Highest.	0		60.0 67.0 68.5	67.0 70.0 72.0	0.65			111	0.99 0.79 0.80	67.0 73.0 69.0	65.0 70.0 71.0	74.7 73.4 72.7	64.5 75.0 72.0
T	Adopted.	0	47.8 52.6 56.9	46°3 51°7 55°5	48.0 52.8 56.0	252.4 252.4 25.2	45°5 50°5 54°6	46.0 52.2 55.7	52.2 55.22	48°3 52°9 57°0	46°1 52°4 56°1	46°3 52°1 56°7	45°9 51°5 56°1	47.9 54.2 57.9
	From Se.t-	0	48°1 53°3 57°3	52.5 56.2 56.2	48°5 53°0 56°8	47.4 51.7 55.1	50.5	50.0 50.0 55.2	45°7 52°2 55°0	48.3 52.9 57.0	46.1 52.4 1.95	46.0 52.6 56.9	20.8 26.2	46°9 54°0 58°4
	From Dry Bulb Ther- mometer.	0	47.4 51.9 56.5	45°4 50°9 54°7	52.6 55.4	52.8 52.8 55.2	46.7 50.6 55.1	47.8 54.9 56.7	84 52 52 52 4	1 1 1	111	46°8 51°1 56°4	45°9 51°5 56°1	54.3
	Range of Barome Readings in Month.	in.	.704 .030	.637 .741 .767	988.	.651 .781 .924	.580 .580 .710	704 .657 .750	111	720	.740 .690 .810	722 .701 .752	.826 .656 .806	.802
Mean Pressure of	Water or Elas- tic Force of Vapour,	in.	.280 .374 .401	. 290 . 367 . 429	.282 .349 .402	. 266 . 338 . 378	. 229 . 303 . 355	.294 .265 .398	. 240 . 333 . 372	.266 .338 .409	111	.303 .386	.305 .302	.316 .396
fean Pre	or Mean Read- ing of the Ba- rometer.	in.	29.990 29.880 29.720	29.934 29.831 29.653	29.941 29.818 29.620	30.021 29.899 29.683	30.040 29.920	30.002 29.862 29.632	29.947 29.797 29.555	30.011 29.866 29.654	30°100 29°966 29°759	30.001 29.846 29.598	29.945 29.786 29.560	30.025 29.853 29.619
Year N	Months.		April May June			April May June			April May June					April May June
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the night. In the return in April the numbers are 2 days, 3 nights; in May, 8 days, 7 nights; and in June, 11 days and 11 nights.

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Var.	Thame: The reading of the barometer on May 6th at 9h. A.M. was altered from 30'840 to 29'840, and those on the 5th and 6th May at 3h. P.M. were altered conjecturally from 30'420 and 30'400 to 30'042 and 29'990; on June 16th at 9h. A.M. 29'550 was altered to 29'050, and these readings were used in determining the monthly values. Linslade: June, the monthly values were determined from 25 days observations only.
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e	Mean Daily Range.	20.5	15.3 24.1 20.8 19.6	22.4 18.3 17.8	21.6 16.9 15.4	22.5 17.7 18.0	23°3 19°7 18°5	23.4 18.8 15.6	24.6 20.1 18.6	24.5 18.1 15.2	23.4 18.5 16.3	22.9 17.8 16.0	16.9 16.9 17.2	20.0 15.8 15.5	17.5
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	From Self-	0 50.0 55.3	56.4 50.8 50.8 56.0	44.7 50.7 56.2	44.4 50.2 55.9	44.2 49.0 55.2	45.0 50.9 56.9	45°3 50°4 55°4	44.0 49.8 54.6	45.7 52.5 56.0	44.1 50.6 56.0	44°1 50°2 55°0	43°3 50°8 56°7	44.3 50.1 55.8	49.8
	From Dry Bulb Ther- mometer.	0 46.1 51.7 55.5	57.3 48.3 52.1 56.3	46.8 50.9 55.1	46.0 51.1 55.5	45°6 50°4 33°8	46.9 51.0 55.0	46.5 51.0 55.0	45°3 50°3 55°5	46.7 50.6 57.3	47.1 51.2 56.0	47.4	44.7 51.2 55.4	44°3 50°5 55°7	48°1 51°1 54°3
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	NAMES of STATIONS and OBSERVERS.	ST. JOHN'S WOOD, GEORGE LEACH, ESQ., M.B.M.S.	ENFIELD, REV. J.M. HEATH, A.M., M.B.M.S. ROSE HILL (near Oxford), REV. JOHN SLATTER, F.R.A.S., M.B.M.S.	THAME (Oxon), VM. Johnson, Esq., M.B.M.S.	RADCLIFFE OBSERVATORY, OX- FORD. M.J.Johnson, Esq., M.A., F.R.A.S	STONE OBSERVATORY, O.J. Grace, Esq., M.B.M.S., Pupil of Rev. J.B. Reade, F.R.S., M.B.M.S.	HARTWELL HOUSE, Mr. Horton, Assistant to Dr. Lee, F.R.S., Trez. B.M.S.	HARTWELL RECTORY, REV. C. LOWNDES, M.A., F.R.A.S., M.B.M.S.	LINSLADE, John Osborn, Esq., Jun., M.B.M.S	ROYSTON (Herefordshire), HALE WORTHAM, ESQ., M.B. M.S.	CARDINGTON (near Bedford), Mr. MacLaren, Assist. to S.C. Whit- Bread, Esq., F. R. A. S., Pres. B. M. S.	BEDFORD, Dr. Babker, M.B.M.S.	NORWICH, W. BROOKE, ESQ., F. R.A.S., M.B.M.S.	GRANTHAM, J. W. JEANS, ESQ., M.B.M.S.	DERBY, John Davis, Esq, M.B.M.S.
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	NAMES of STATIONS and OBSERVERS.	HOLKHAM, S. SHELLABEAR, ESQ., M.B.M.S., Assistant to the EARL of LEICESTER. MESSRS. E. J. AND A. S. H. LOWE, M.B.M.S. HAWARDEN, DR. MOFFAT, F.R.A.S., M.B.M.S. GAINSBOROUGH, T. DYSON, ESQ., M.B.M.S. LIYERPOOL OBSERVATORY, JOHN HARTNUP, ESQ., F.R.A.S. MANCHESTER, GEORGE V.VERNON, ESQ., M.B.M.S. UEEDS, WAKEFIELD PRISON, W. R. MILNER, ESQ., HENRY DENIX, STONYHURST, Rev. J. CLABE. YORK, G. MURAS, ESQ. NORTH SHIELDS, R. C. CARRINGTON, ESQ., M.B.M.S. R. C. CARRINGTON, ESQ., M.B.M.S. NEWCASTLE, G. MURAS, ESQ. OURHAM, R. C. CARRINGTON, ESQ., M.B.M.S. NEWCASTLE, G. MURAS, ESQ. DURHAM, R. D. THOMSON, M.D., F.R.S.E., M.B.M.S. R. D. THOMSON, M.D., F.R.S.E., M.B.M.S. DUNINO, DAVID TENNAN, ESQ., M.B.M.S.
	NA:	HOLKHAM, S. SHELLABEAR, E.S. B. SHELLABEAR, E.S. HIGHFIELD, HOUS MESSES, E. J. ANI M.B.M.S. HAWARDEN, DR. MOFFAT, F.R. GAINSBOROUGH, T. DYSON, ESQ., LIVERPOOL OBSE JOHN HARTNUP, E MANCHESTER, GEORGE V.VERNO WAKEFIELD PRIE W. R. MILNER, ES LEEDS, HENRY DENNY, ES STONYHURST, REV. J. CLARE. JOHN FORD, ESQ. OURHAM, R. C. CAREINGTON NEWCASTLE, G. MURAS, ESQ. NORTH SHIELDS, ROBERT SPENCE, GLASGOW, R. D. THOMSON, M.B. M.S. DUNINO, DAVID TENNANT,

Note.—Second rain gauges are placed at Jersey at the height of 6 feet; the amount collected was 8.2 inches. At Oxford, 22 feet; the amount was 8.9 inches. At Highfield House, 25 feet; the amount was 6.5 inches. At Cardington, 36 feet; the amount was 8.3 inches. At Norwich, 31 feet; the amount was 8.9 inches, At Highfield House, 25 feet; the amount was 6.5 inches. And at Stonyhurst, 1141 feet; the amount for the month of May was 8.1 inches.

REGISTRARS' NOTES.

In compliance with the following instruction, remarks have in many instances been appended by the Registrars to their Returns; from which the following Notes have been selected. The Registrars alone must be considered responsible for the opinions which they express.

INSTRUCTION TO REGISTRARS:-

"If at any time the Deaths or Births registered during the quarter have been above or below the average, state whether Epidemics, such as Measles, Typhus, Cholera, &c. have prevailed in the Sub-district,—or if there is any other fact in the character of the weather, sanitary arrangements, movement of the population, &c., which will account for the circumstance."

The figures refer to the number of the District and Sub-District. The name of the District is in SMALL CAPITALS, that of the Sub-district in *italics*.

I. LONDON DIVISION. MIDDLESEX (part of).

5; 1. St. Martin in the Fields; Charing Cross.—Births 52; Deaths 78. Two persons only died of small-pox, but the number of cases was very large in this district. Vaccination has been much neglected, and many adults have been vaccinated by me for the first time. Instead of a steady succession of cases of vaccination, marking in the public mind an intelligent conviction of its benefits and the comparative safety resulting from it, they rush in crowds to obtain it when a fatal case occurs in their neighbourhood, and then too late to prevent the spread of the disease.

in their neighbourhood, and then too late to prevent the spread of the disease.

12; 3. St. Giles in the Fields; North St. Giles.—Births 125; Deaths 85. There is a decrease of one fifth in the deaths as compared with those of the corresponding quarter of last year, which I attribute to the sanitary arrangements enforced by the police, in making the landlords of the houses in Church-lane and the Rookery whitewash and cleanse them, and not allowing above a certain

number to sleep in the lodging houses.

14; 1. Holborn; St. George the Martyr.—Births 116; Deaths 121. The deaths are double the number of the same quarter in last year. The only reason for the increase is, in my opinion, the unfavourable state of the weather during the last three months. Scarlatina was fatal in 12 cases, typhus in 6, small-pox in 10.

Surrey (part of).

29; 2. St. George Southwark; Borough Road.—Births 145; Deaths 119. The averages of the three corresponding quarters in the years 1849-51 are 138 births, 105 deaths, compared with which the present numbers are somewhat in advance. The increase in deaths arose principally among young children in the early part of the quarter during the long prevalence of easterly winds. At one period of the quarter just ended more than half the number of deaths I had registered from the 1st of February to that time were those of children at and under 2 years of age; and I cannot help thinking that many of them die prematurely, owing to the incautious manner in which they are entrusted to the care of girls to nurse and take them out (as it is called). It is a frequent occurrence to see a girl with an infant from 3 to 15 or 18 months old seated on a door step or in a recess of one of the bridges, or on a bench in the park, with the child asleep, its face and neck uncovered, and the wind blowing upon it. Cough and inflammation of the lungs ensue, and if the sufferer is not relieved by death, the foundation of lasting disease is often laid.

II. SOUTH-EASTERN DIVISION. 2. KENT.

57; 1. Tunbridge Wells.—Births 106; Deaths 77. Many deaths were caused by measles and pneumonia.

3. Sussex.

84. 3. Lewes; Lewes.—Births 66; Deaths 47. From the 5th to the 20th June not a single death occurred, a period of 14 clear days. With a population of nearly 10000, I consider this an extraordinary circumstance.

88; 2. Petworth; Petworth.—Births 40; Deaths 32. Scarlatina has been prevalent during the

past quarter. 8 deaths are ascribed to that cause.

89; 1. Thakeham; *Pulborough*.—Births 30; Deaths 27. Fever of a typhoid type (particularly scarlatina maligna), variola confluens, bronchitis, and pulmonary affections have raised the deaths above the average.

90; 1. Worthing; Broadwater.—Births 48; Deaths 30. Seven deaths were caused by small-pox.

4. Hampshire.

96; 4. Portsea Island; Landport.—Births 299; Deaths 157. Seventeen deaths, being nearly 11 per cent. of the whole, are referred to small-pox. In some of the more densely-peopled, and, in a sanitary point of view, most neglected parts of the district, this disease has raged with great violence, destroying in a few days 5 persons in 2 families.
108; 2. Stockbridge.—Births 25; Deaths 26. The deaths are above the average,

typhus being prevalent.

5. Berkshire.

130; 2. EASTHAMPSTEAD; Sandhurst.—Births 5; Deaths 6. Scarlatina has been rather prevalent, but has now ceased.

III. SOUTH MIDLAND DIVISION. 7. HERTFORDSHIRE.

145; 3. WATFORD; Rickmansworth.—Births 35; Deaths 42. The deaths are rather above the average, owing to several cases of small-pox and malignant typhus.

8. Buckinghamshire.

150; 2. WYCOMBE; Great Marlow.—Births 58; Deaths 12. The deaths are 21 less than in the corresponding quarter of last year, and very much lower than in any preceding quarter, with the exception of the third of 1850, in which there was the same number. It is remarkable that only 2 are those of children. In consequence of having better food and clothing children are enabled to withstand the diseases so fatal in childhood. Population 5316, and purely agricultural.

151; 4. AYLESBURY; Waddesdon.—Births 46; Deaths 26. Fever has remained some time in the

district, but not many fatal cases have resulted therefrom.

152; I. WINSLOW; Winslow.—Births 71; Deaths 37. The deaths are below the average, which I account for from the healthy state of the district. In fact I never knew this part of the country so free from sickness for so many months.

10. NORTHAMPTONSHIRE.

169; 2. DAVENTRY; Daventry.—Births 80; Deaths 62. The deaths are considerably above the average of the last 8 or 10 quarters. Typhus has been very prevalent at Woodford, Byfield, Hellidon, and Staverton, and produced 3 deaths.

170; 3. BRIXWORTH; Brixworth.—Births 20; Deaths 23. Scarlatina has been fatal.
172; 1. Kettering.—Births 65; Deaths 50. The deaths from phthisis and pneumonia exceed the average of corresponding quarters, attributable, I presume, in some measure, to the easterly winds which prevailed with little intermission for 10 weeks during the months of April and May. Small-pox has made its appearance in the district; not of a very virulent character. Most of the persons had been vaccinated, and prompt measures for extending vaccination were taken. No fatal case has been registered yet.

11. HUNTINGDONSHIRE.

176; 1. Huntingdon; Ramsey.—Births 44; Deaths 29. Ramsey has been unhealthy; the prevailing epidemics measles and intermittent fever. Raveley Magna unhealthy; the prevailing disease, continued fever.

177; 1. St. IVES; Warboys.—Births 32; Deaths 34.—Deaths above the average, caused by phthisis pulmonalis, of which disease 10 cases were registered. I suppose the long duration of east and north-easterly winds was the cause of the great fatality of phthisis during the last quarter.

13. CAMBRIDGESHIRE.

188; 3. Linton; Balsham.—Births 30; Deaths 30. The deaths form a very large number, which may perhaps be accounted for by the long prevalence of north and north-east winds, occasioning fatal chest complaints. Scarlatina has also prevailed to a great extent.

189; 2. NEWMARKET; Newmarket.—Births 47; Deaths 52. There has been an increase amongst

the deaths, owing to the cold winds. Many children at our union died from pneumonia.

190; 1. ELY; Haddenham.—Births 51; Deaths 15. The deaths that have occurred are few, but there has been a great deal of sickness. Ague has been very prevalent; more so than in any season for the last 30 years.

193; 4. WISBEACH; Terrington St. Clement.—Births 55; Deaths 17. One case of English cholera and 2 of typhus, all fatal, occurred during the quarter. The sub-district is generally healthy at present.

IV. EASTERN DIVISION.—14. Essex.

194; 2. West Ham; West Ham.—Births 119; Deaths 65. Small-pox has prevailed, but the epidemic has been of a mild character, and fatal in only 2 cases.

15. SUFFOLK.

212; 5. Sudbury; Hartest.—Births 56; Deaths 43. Scarlatine maligna is raging in part of this district, and several children have died of it.

218; 2. Hartismere; Botesdale.—Births 50; Deaths 37. The deaths are somewhat above the

average, from the prevalence of pneumonia after measles in the parish of Gislingham.

227; I. MUTFORD; Kessingland.—Births 34; Deaths 24. A few cases of small-pox occurred, but none were fatal.

227; 2. MUTFORD; Lowestoft.—Births 80; Deaths 72. Small-pox has been exceedingly prevalent and fatal.

16. NORFOLK.

231; 1. Erpingham; Walsham.—Births 53; Deaths 39. Scarlatina and hooping-cough have appeared, but only proved fatal in 4 cases. Consumption has been very prevalent, as it generally is in the June quarter.

237; 2. BLOFIELD; South Walsham.—Births 44; Deaths 25. No particular epidemic diseases. 4 sporadic cases of typhus; several of simple fever and chicken-pox. The weather has been con-

tinuously wet and sultry for the last month, until within the last day or two.

238; 1. Loddon; Aldeby.—Births 57; Deaths 34. Ten children died of scarlatina, from 2 to 10 years of age.

242; 3. MITFORD; Bawdeswell.—Births 33; Deaths 26. The deaths are rather above the average, but there is nothing particular to notice, except that hooping-cough is very prevalent.
244; 3. Docking; Docking,—Births 53; Deaths 46. The deaths are 15 above the average.

Measles prevailed, and was fatal in 4 cases, but is now on the decline.

247; 2. Downham; Downham.—Births 86; Deaths 56. Ague very prevalent.

V. SOUTH-WESTERN DIVISION.—17. WILTSHIRE.

250; 1. Highworth; Highworth.—Births 76; Deaths 86. The long continuance of northeasterly winds, and the general prevalence of measles, have occasioned the great increase of deaths.

18. Dorsetshire.

274; 2. WEYMOUTH; Weymouth.—Births 73; Deaths 56. The deaths are 2 above the average. There have been 9 from measles.

19. DEVONSHIRE.

279; 1. Axminster; Lyme.—Births 37; Deaths 26. The deaths among the aged have been above the average; 9 persons were registered whose ages are upwards of 70; 2 out of the 9 reached 92 and 95. The prevalence of easterly winds may be assumed to be the exciting cause.

280; 2. Honiton; Ottery St. Mary.—Births 104; Deaths 70. 8 deaths were from measles.
281; 2. St. Thomas; Exmouth.—Births 51; Deaths 38. The deaths slightly above the average, measles being epidemic; 9 deaths were from this disease in the last month. It has now ceased

281; 4. St. Thomas; Broadclist.—Births 33; Deaths 26. The deaths have greatly exceeded those of any previous quarter for the last 7 years. Measles and hooping-cough have been very prevalent.

281; 5. St. Thomas; Topsham.—Births 32; Deaths 22. Measles prevails, but has not been fatal.

281; 6. St Thomas; Heavitree.—Births 26; Deaths 28. I consider the district in a healthy state, and that the births and deaths are about the average. Measles as an epidemic prevailed most extensively, but in a very mild form. In my district only one fatal case was registered.

281; 8. St. Thomas; Alphington.—Births 22; Deaths 20. Deaths rather above the average.

Measles has been prevalent throughout the district; it has proved fatal in 2 cases only.

282; 2. EXETER; St. David.—Births 106; Deaths 91. The deaths are very considerably above

the average, owing to the prevalence of measles, to which 28 deaths are ascribed.

284; 5. Totnes; Buckfastleigh.—Births 30; Deaths 15. The efficacy of vaccination is well shown by the following circumstance: -A case of virulent small-pox was introduced in March last into a thickly-populated part of this town from Plymouth (where numbers have suffered, and its fatality has been great), by clothes brought hither, and worn by a child about 5 years old, who took the infection, but passed well through the disease. No other case appeared, the juvenile population having been immediately vaccinated to the number of 400, or nearly a fifth of the whole.

286; 2. PLYMPTON St. Mary; Plympton.—Births 85; Deaths 65. The deaths are about 20 per cent. above the average, which has been occasioned by measles, scarlatina, &c. having been prevalent amongst children. 31 died from the aforenamed causes.

287; 1. PLYMOUTH; Charles the Martyr.—Births 156; Deaths 113. The deaths are above the average of the spring quarter; 20 cases of measles were registered, and 13 of small-pox, most of

them unvaccinated.

287; 2. PLYMOUTH; St. Andrew.—Births 310; Deaths 220. The mortality of the past quarter has rather exceeded the average, from the continued prevalence of small-pox and measles during the early part:-The following table shows the gradual decline of these diseases in each month, and the present improved state of health of the district generally.

	April.	May.	June.	Total.
Small-pox . Measles Scarlatina . Fevers	25 18 1	15 4 3	5 1 3	45 23 7
Consumption . Bronchitis . Pneumonia .	9	9 8	5 4	25 17 6
Old Age Other Causes .	3 33	2 2 5	4 23	81
All Causes .	97	68	55	220

289; 2. STOKE DAMEREL; Clowance.—Births 101; Deaths 92. Both births and deaths have been nearly 20 per cent. above the average. Measles, scarlatina, and small-pox have prevailed, and have been the principal epidemics; the two former more particularly in the early part of the quarter. Small-pox has not prevailed to any great extent, and the sub-district appears to be getting more healthy.

289; 5. Stoke Damerel; Tamar.—Births 80; Deaths 48. Measles and scarlatina have been

the principal diseases.

292; 3. CREDITON; Crediton.—Births 53; Deaths 47. The increase of deaths may be attributed to measles, attended with pneumonia, 10 having occurred from this epidemic. The number of fatal

cases is comparatively small in proportion to the very general prevalence of the epidemic.

293; 7. Tiverton; Dulverton.—Births 54; Deaths 16. The deaths are very considerably below the average, whilst the births are in a greater degree above it. It may be worth remarking that the increase of males over females in the births is considerable, and that it is the reverse as regards the deaths. I am inclined to attribute the decrease of deaths to the very mild winter we had, as I have observed that after a severe winter the following spring is usually unhealthy, and many persons are taken off by phthisis and other chest affections.

20. CORNWALL.

301; 4. LAUNCESTON; Launceston.—Births 30; Deaths 36. Epidemic fever has produced an increase of mortality.

302; I. St. Germans; Antony.—Births 64; Deaths 35. Measles has been the prevailing dis-

303; 1. LISKEARD; Callington.—Births 139; Deaths 73. There is an increase of 21 in births over those of the corresponding quarter of last year, and in deaths an increase of 30; which may be accounted for by an addition to the population on account of labour at the mines being on the increase.

305; 2. St. Columb; St. Columb.—Births 58; Deaths 60. The deaths are much above the average, owing principally to the prevalence of scarlatina in the parish of St. Columb Minor. Deaths also from disease of the respiratory organs have been frequent in the district; and there has been one fatal case of small-pox.

307; 2. TRURO; St. Just.—Births 37; Deaths 31. The deaths are above the average, occa-

sioned by scarlatina in one parish of my district.

307; 3. TRURO; St. Agnes.—Births 76; Deaths 58. Hooping cough caused 10 deaths, and it is still prevalent among children. In the early part of the quarter dry easterly winds prevailed, but for the last month and latter part of May much rain has fallen. Rain fell on 26 days in this quarter.

Coldest day, April 8th, 43°; and warmest day, June 29th, 69°.
309; 5. Helston; Crowan.—Births 49; Deaths 14. The deaths are below the average, and we have had but very little sickness, although it has been a very wet season. The births are above he average as compared with those of the corresponding quarter of last year, and the only reason I can

assign is, the great demand for labourers, and consequent increase of population.

310; 2. REDRUTH; Redruth.—Births 108; Deaths 56. The deaths are 5 below the number registered in June quarter 1851. The decrease may, I think, be attributed to the improved state of things in this district as regards employment, &c., and to the almost entire absence of epidemic

310; 3. Redruth; Illogan.—Births 103; Deaths 74. The weather for the three months ending June 30th has been unusually wet and cold, which seems to have occasioned an increase of

deaths from old age and phthisis.

310; 4. REDRUTH; Camborne.—Births 139; Deaths 72. The number of deaths is considerably above the average. Diseases of the respiratory organs have been very prevalent. Small-pox appears to be on the decline, although 7 deaths have been registered from this disease during the quarter.

311; I. PENZANCE; Uny Lelant.—Births 100; Deaths 54. The deaths are rather above the average; there are 10 from small-pox without previous vaccination; 4 from typhus; 2 frem

scarlatina.

311; 5. Penzance; St. Just-in-Penwith.—Births 120; Deaths 82. The deaths are considerably above the average; 48 children died under 5 years of age. Small-pox and scarlatina have been prevalent and fatal.

21. Somersetshire.

313; 3. WILLITON; Williton.—Births 34; Deaths 37. The district has been scourged with measles. Scarlatina and small-pox prevailed in one locality. Inflammation of the lungs is now

315; 3. TAUNTON; Taunton St. Mary Magdalen.—Births 80; Deaths 47. Measles has been prevalent, but not fatal. The district has been generally free from severe disease, which I believe

is chiefly owing to improved sanatory regulations enforced by the Local Board of Health.

319; 3. Yeovil; Martock.—Births 64; Deaths 50. This is rather more than an average number of deaths. Scarlatina has been very prevalent in this place, but the mortality from it has

been comparatively small.

326; 3. Bath; Abbey.—Births 82; Deaths 73. Hooping-cough has been epidemic, causing 8 deaths. Measles prevailed, but not severely; there was no death from it. There has been some small-pox, but no fatal case, nor, so far as I can learn, did the disease occur after vaccination. In one case in which I vaccinated when small-pox was in the house, both the vaccine vesicles and the smallpox pustules ran their course together, and I believe that a favourable modification of the small-pox was produced in this instance, as in my experience has occurred before.

326; 5. Bath; Walcot.—Births 93; Deaths 64.—There have been some cases of measles and small-pox, and the deaths of 3 children were registered from the latter cause, two of whom had been vaccinated without effect, some time previously, and one on the day before the appearance of the eruption. No fatal case of measles. A gentleman died from fracture of the thigh in his 100th

year.

326; 6. BATH; Lansdown.—Births 117; Deaths 94. The births are again considerably above the average this quarter, as in the last, or 31 above the corresponding quarter of the last year, and 15 more than were ever registered in the same period for this district, for which I can give no reason other than the cheapness of provisions and increased employment of the poor. The deaths are again above the average, or 20 more than in the corresponding quarter of the last year, arising probably from the protracted severity of the spring, and long continuance of easterly wind, so trying to old age and infancy. Small-pox, which appeared last quarter, seems now to have left us.

VI. WEST MIDLAND DIVISION.—22. GLOUCESTERSHIRE.

329; I. Bristol; St. Mary, Redcliff.—Births 119; Deaths 88. The deaths are under the average. Small-pox has broken out in Bryant-street, a very narrow street on Redcliff-hill. I under-

stand 5 children are lying ill of this disorder, and I have registered one death from it.

329; 4. Bristol; St. James.—Births 83; Deaths 92. Nine deaths from measles have been registered, and 6 from small-pox, the latter without previous vaccination. After many years experience, both as a district vaccinator and surgical superintendent of one of the most extensive vaccine institutions in the provinces, I feel assured the only remedy against the ignorant prejudices and criminal neglect of parents of the lower orders, is to make vaccination compulsory.

329; 5. Bristol; St. Augustine.—Births 121; Deaths 82. During part of May measles pre-

vailed to a considerable extent in the lower and poorer part of my district.

330; I. CLIFTON; Clifton.—Births 93; Deaths 87. Deaths about the average, although increased by 16 that occurred from measles, which has been very prevalent in the past quarter.

330; 2. CLIFTON; Ashley.—Births 88; Deaths 49. Deaths one more than in the corresponding quarter of 1851. Scarlatina has prevailed, but only 5 deaths occurred from it; also measles, but it was fatal in only 2 cases. Fever produced 6 deaths. District generally healthy.

338; 5. STROUD; Rodborough.—Births 29; Deaths 39. The deaths are considerably above the

average. Scarlatina is very prevalent in my district.

338; 7. STROUD; Horsley.—Births 44; Deaths 44. Scarlatina still prevalent.

343; 1. WINCHCOMB; Guyting.—Births 45; Deaths 38. Scarlatina prevailed during the quarter. 345; 3. TEWKESBURY; Tewkesbury.—Births 80; Deaths 90. 39 deaths more than the average. 30 occurred from scarlatina; the disease is now subsiding.

23. HEREFORDSHIRE.

348; 3. HEREFORD; Burghill.—Births 42; Deaths 48. The deaths have been very much above the average. The principal causes have been inflammation and diseases of the chest, &c. consequent, probably, on the damp and chilly state of the weather. There were 4 cases of scarlatina and 2 of small-pox.

25. STAFFORDSHIRE.

- 369; 2. Newcastle-under-Lyme; Newcastle-under-Lyme—Births 132; Deaths 95. The deaths have been on the increase, principally among children, owing to scarlatina, which was fatal in 22
- 370; 3. Wolstanton; Burslem.—Births 210; Deaths 132. Deaths are 9 above the average of five corresponding quarters, but 24 below the highest (in 1847). Scarlatina has been prevalent. this cause 18 deaths are attributed; 10 to croup, 3 to diarrhea, 2 to typhus, and one to measles. 371; 2. Stoke-upon-Trent; Shelton.—Births 167; Deaths 132. Scarlatina has prevailed epi-

demically, and no less than 28 deaths were registered from it.

372; 2. LEEK; Leek.—Births 132; Deaths 79. The deaths are about the usual number. There were3 in one house from scarlatina.

372; 3. LEEK; Leekfrith.—Births 15; Deaths 17. Scarlatina has been prevalent both in this and

the preceding quarter.

373; 4. CHEADLE; Cheadle.—Births 59; Deaths 47. 11 children died from hooping-cough, which has been very prevalent in the parish, consequently the deaths are rather above the average.

378; 2. Penkridge; Brewood.—Births 48; Deaths 39. Small-pox has been very prevalent in the last 4 months. 6 deaths were registered in the quarter from this disease alone.

379; 3. WOLVERHAMPTON; Kinfare.—Births 27; Deaths 25. Deaths more than the average, in

consequence of the prevalence of small-pox.

381; 3. West Bromwich; South-west.—Births 214; Deaths 82. Trade has been improving for several months, and families from other localities have come to reside in my district, which has caused an increase in the births. The sub-district has been generally free from epidemics, and consequently the deaths are rather below the average.

26. Worcestershire.

383; 2. Stourbridge; Stourbridge.—Births 220; Deaths 99. Small-pox has continued to prevail,

but the fatal cases have been less numerous; 9 have been registered from this cause; 7 from fever.

384; 4. Kidderminster; Lower Mitton.—Births 19; Deaths 16. The births and deaths are below the average, which is accounted for by the fact of many of the lower class removing, and in the latter case by the generally healthy state of the inhabitants.

386; 4. MARTLEY; Leigh.—Births 29; Deaths 28. A small excess of deaths. There have been a few cases of typhus, but not of any account. I cannot give you any explanation of its origin, as the worst case happened in a very clean and well-ventilated cottage. 3 deaths occurred in the

392; 3. Bromsgrove; Tardebigg.—Births 69; Deaths 52. 6 of the deaths registered were from small-pox, 5 of these without previous vaccination. Small-pox has prevailed more or less in this

district since September, but it has now disappeared.

27. WARWICKSHIRE.

394; 2. BIRMINGHAM; St. Thomas.—Births 293; Deaths 136. The deaths have been rather below the average; 5 occurred from small-pox, all registered as "not vaccinated."

394; 9. BIRMINGHAM; All Saints.—Births 156; Deaths 121. The increase of deaths in this sub-district during the past quarter is owing to the workhouse being removed into it; otherwise the

mortality corresponds very nearly with that of the same quarter of 1851.

395; 1. ASTON; Deritend.—Births 260; Deaths 109. The births are rather more than the average this quarter, being 260 against 239 in the corresponding quarter of last year, which may be caused by a small increase of population. The deaths are under the average, being 109 against 152 in the corresponding quarter of 1851. corresponding quarter of 1851, in the face of an increased population, which I can only account for by the absence of any epidemic disease, and the cheapness of the necessaries of life.

Small-pox (without vaccination)

397; 1. ATHERSTONE; Atherstone.—Births 103; Deaths 47. Smallwas fatal in 2 cases; scarlatina in 9. Scarlatina still rages in the district.

403; 5. WARWICK; Radford.—Births 35; Deaths 40. 14 deaths from typhus were registered as having taken place in the parish of Tachbrook. The spot where the fever has prevailed is elevated, and the drainage better than is usual in such places. The cottages are of a superior character, and the occupiers cleanly.

VII. NORTH MIDLAND DIVISION.—28. Leicestershire.

411; 1. Blaby; Wigston.—Births 60; Deaths 48. There has been more than the average number of deaths, chiefly among children, from scarlatina, hooping-cough, and diarrhœa.

412; 2. HINCKLEY; Hinckley.—Births 75; Deaths 67. Scarlatina which prevailed during the

last three months has caused an increase in the deaths.

415; 1. Loughborough; Leake.—Births 60; Deaths 41. There occurred a case of simulated hydrophobia in a lad aged 12 years, who walked a distance of six miles to consult me. He complained of pain in his right shoulder, and died in about 40 hours, with a horrid dread of liquids, &c.

415; 2. LOUGHBOROUGH; Loughborough.—Births 163; Deaths 120. The deaths are increased

by the prevalence of small-pox.

416; 4. BARROW-UPON-SOAR; Syston.—Births 31; Deaths 30. The deaths are still above the average, partly from scarlatina.

29. RUTLANDSHIRE.

420; 3. Uppingham; Barrowden.—Births 33; Deaths 19. The deaths are rather above the average, several children having had acute inflammation of the lungs, which soon carried them off. This was the consequence of the cold and occasionally wet state of the atmosphere.

31. NOTTINGHAMSHIRE.

438; 1. Basford; Greasley.—Births 153; Deaths 70. The deaths are slightly below the average. The health of the district has been tolerable during the quarter, except for the breaking out of

438; 2. BASFORD; Ilheston.—Births 129; Deaths 81. During the early part of the quarter cold easterly winds were prevalent, and chest affections so numerous as to be considered an epidemic. Very few children entirely escaped, and the deaths from bronchitis and pneumonitis were very frequent. Croup also proved fatal in several instances. The aged also suffered severely from bronchitis. There have been 4 fatal cases of small-pox during the quarter.

438; 4. Basford; Bulwell.—Births 68; Deaths 41. Small-pox has proved fatal in 7 cases in

one part of the district, 5 of which occurred in persons who had not been vaccinated.

440; 3. NOTTINGHAM; St. Ann.—Births 112; Deaths 99. The deaths show a decrease of 37 on the corresponding quarter of last year. This may be accounted for in some measure by the great vigilance which is exercised by the authorities in carrying out the Act of Parliament relating to registered lodging houses (of which there are a great number in my district). An officer has been appointed to inspect such lodging houses and see that the Act is properly carried out.

32. DERBYSHIRE.

445; 2. Derby; St. Peter.—Births 288; Deaths 205. There have been 35 cases this quarter

of small-pox, 12 without vaccination, 12 after vaccination, 11 uncertain.

448; 2. Chesterfield; Chesterfield.—Births 189; Deaths 105. Small-pox has nearly disappeared. It was fatal last quarter in 5 cases, in 3 or 4 of which the persons had not been vaccinated.

449; I. BAKEWELL; Bakewell.—Births 83; Deaths 66. Small-pox prevalent in my district, but of the cases none were fatal during the past quarter. Many occurred without previous vaccination.

449; 3. BAKEWELL; Tideswell.—Births 87; Deaths 51. Small-pox is steadily progressing in this district. But it is the opinion of the duly qualified medical practitioners that if vaccination is properly attended to, the disease may be nearly eradicated.

450; 2. CHAPEL-EN-LE-FRITH; Chapel-en-le-Frith.—Births 64; Deaths 44. Typhus has been

slightly prevalent.

451; 1. HAYFIELD; Glossop.—Births 219; Deaths 125. The births and deaths are both above the average. The increase of the former probably arises from the increase of population. There have been eleven deaths from small-pox at ages varying from 7 weeks to 12 years, in none of which had the persons been previously vaccinated. There had also been three deaths from typhus.

451; 2. HAYFIELD; Hayfield.—Births 76; Deaths 60. Small-pox produced 3 fatal cases, one of

these after vaccination.

VIII. NORTH-WESTERN DIVISION.—33. CHESHIRE.

452; 1. STOCKPORT; Marple.—Births 46; Deaths 26. My district is situated in a fine healthy country, with salubrious air. The inhabitants have plenty of work, are orderly in their habits, and are, for the most part, well fed and clothed. There has been no death from epidemics during the quarter, and the mortality is somewhat below the average. I have had no death from small-pox for several years.

452; 3. STOCKPORT; Heaton Norris.—Births 167; Deaths 104. The sub-district is free from epidemics, except diarrhea, dysentery, and that loathsome disease small-pox. 7 deaths occurred from small-pox (precisely the number of the preceding quarter), 4 of which happened to persons who had not been protected. I am glad to perceive that since the public notices from the board of guardians appeared, parents are paying better attention to the subject. Many cases are now in the district. At the end of June 9 persons lay ill with small-pox in a single small street. A woman of 90 years old was one of the sufferers.

452; 6. STOCKPORT; Cheadle.—Births 49; Deaths 20. Small-pox has been prevalent, but only

one case fatal, that of a child 5 months old, after vaccination.

453; 4. MACCLESFIELD; Macclesfield East.—Births 133; Deaths 130. The deaths above the

average. Scarlatina has been very prevalent, and 25 deaths from it have been certified.

453; 5. Macclesfield West.—Births 155; Deaths 160. The deaths exceed the average of the corresponding quarters of the three preceding years by 40. The increase has arisen in a great measure from scarlatina, of which there have been 31 cases. There have been also 3 cases of typhus.

455; 1. Runcorn; Budworth.—Births 37; Deaths 28. Scarlatina has been rather prevalent among children towards the end of May and the beginning of June. 3 or 4 cases were fatal.

456; 1. Northwich; Weaverham.—Births 64; Deaths 57. Small-pox and scarlatina have

continued to be prevalent.

456; 2. NORTHWICH; Northwich.—Births 124; Deaths 164. The deaths are more than double the average, owing to small-pox and scarlatina, especially the former, which however is now abating.

456; 3. NORTHWICH; Over.—Births 67; Deaths 55. The deaths are above the average, in con-

sequence of small-pox prevailing at the commencement of the quarter.

34. LANCASHIRE.

461; 5. LIVERPOOL; St. Thomas.—Births 306; Deaths 248. The mortality amongst children has been great (112), nearly one half of the entire number of deaths having taken place under the Measles and scarlatina have been rather prevalent (29 deaths having been registered from the former, and 23 from the latter).

461; 6. LIVERPOOL; Mount Pleasant.—Births 380; Deaths 555. Measles has been fatal among

children.

461; 7. LIVERPOOL; Islington.—Births 362; Deaths 286. The corresponding quarter of 1851 gave 260 deaths, that of 1850, 232. The great increase is from scarlatina, there being registered this quarter 33 against 9 in the corresponding quarter of 1851. 16 were in front houses and 17 in court houses. In two instances 3 occurred in one family, and in two instances 2 in one family. have also registered 25 deaths from measles.

462; I. WEST DERBY; Toxteth Park.—Births 642; Deaths 479. Measles was fatal in 49

cases, scarlatina in 43, diarrhœa in 11, cholera in one.

462; 6. West Derby; West Derby.—Births 320; Deaths 188. There have been 12 deaths

from typhus, one from small-pox, 11 from measles, 8 from scarlatina.

463; I. Prescot; Hale.—Births 13; Deaths 8. The deaths are about the average. Measles has been very prevalent, especially among children, although two instances only have been fatal during the quarter.

463; 5. Prescot; Prescot.—Births 143; Deaths 101. Scarlatina very prevalent during the

quarter. 43 deaths from it.

463; 6. Prescot; St. Helen.—Births 310; Deaths 161. 17 deaths from scarlatina, 11 from

3. Wigan; Wigan.—Births 371; Deaths 202. Typhus and scarlatina prevailed very much 465;

during the quarter. At present the town is pretty healthy.

465; 7. WIGAN; Ashton in Mackerfield.—Births 60; Deaths 60. The deaths are double the average of corresponding quarters, with the exception of June quarter 1847. 29 were caused by scarlatina of a most malignant character, destroying life in two, three, and in some cases in only one day. A collier had 4 deaths in his family within 4 days. The disease is raging still.

468; 1. Bolton; Farnworth.—Births 140; Deaths 76. The births are 39 over the number of the corresponding quarter of 1851, owing to the improving state of the district, which is increasing in population very rapidly. The deaths are 18 more than those of the same quarter of last year. Hooping-cough and scarlatina have been prevalent, especially amongst young children. Typhus has also been epidemic during the whole quarter, though only 3 cases were fatal. The quarter closes with more seasonable weather, and the health of the district is considerably improved in consequence.

There has not been a death registered during the last six days.

468; 4. Bolton; Halliwell.—Births 43; Deaths 60. The deaths more than ever have taken place in the same period, and 29 more than in the corresponding quarter of last year. The cause is scarlatina, 39 children having died of the disease, 20 males and 19 females. Scarcely a house in my district where there are children but has been visited, and in many instances two and three have died of it in the same house. I am glad, however, that it is on the decrease, and I trust

will soon disappear altogether.

468; 5. BOLTON; Horwich.—Births 35; Deaths 36. Deaths rather above the average. Scar-

latina and croup have been very prevalent.

468; 6. Bolton; Tonge-with-Haulgh.—Births 75; Deaths 39. The births are rather above the average, which may arise from an increase of population, and from the better condition of the working classes. The deaths are a little above the average, chiefly owing to the prevalence of scarlatina amongst children, and to the effects of a long continued north-east wind, from the beginning of March to the end of April.

468; 10. Bolton; Little Bolton.—Births 234; Deaths 194. The births are rather above the average; this district is fast increasing both in house property and population. The deaths are more than 50 per cent. above the average of the corresponding quarters of the last ten years. There have been 44 from scarlatina, which is at present and has been very prevalent, and is of a most malignant form. There have been 8 deaths from other kinds of fever, and 29 cases "without

medical attendant."

468; 11. Bolton; Eastern Bolton.—Births 225; Deaths 215. The number of deaths exceeds the average. Scarlatina and typhoid fever have been the prevailing epidemics. Cases of phthisis

pulmonalis have also been very numerous.

468; 12. Bolton; Western Bolton.—Births 235; Deaths 155. The deaths are above the average of the corresponding quarters of former years, probably owing to the prevalence of scarlatina. There have been 21 fatal cases of scarlatina, 2 of small-pox. In the two latter one of the children had been vaccinated when 6 weeks old with effect; the other without effect.

468; 13. Bolton; Lever.—Births 76; Deaths 56. The deaths are about 20 above the average.

Scarlatina caused 21.

471; 3. CHORLTON; Chorlton-upon-Medlock.—Births 348; Deaths 200. The deaths are about

the average. 16 from measles, none from scarlatina.

- 471; 4. CHORLTON; Hulme.—Births 677; Deaths 383. While the births registered show a considerable increase, arising from the growing population of the district, and notwithstanding that scarlatina and measles, diseases often attended by fatal results, have prevailed through the entire quarter, the number of deaths places the mortality below the average. The community of this neighbourhood were perhaps never in a more prosperous, happy, or healthy condition, and although we are actively engaged in preparing for a spirited contest for the election of members to represent this borough, there is none of that discontent, clamour, and tumult so often exhibited by the lower orders on such occasions. The excitement appears almost exclusively confined to the middle and higher classes. There is no lack of employment for all descriptions of operatives, who are able and willing to avail themselves of it, and this, along with the abundance of cheap and excellent food, has placed society in a comfortable and happy position. The workhouse of this union never contained so few inmates, and the applications for out-door relief bear no proportion to former
- 472; 4. Salford; Regent Road.—Births 310; Deaths 160. The births are above the average, owing to increase of population. The deaths are below it. The weather had been ungenial. diminished mortality must therefore, I suppose, be attributed to an improved sanatory state of my district, and more comfortable circumstances of the population.

473; I. MANCHESTER; Ancoats.—Births 566; Deaths 438. The deaths are the greatest number registered in any corresponding quarter; 153 (exclusive of inquests) were registered during the month of June; of these, 74 occurred under 2 years of age. Measles was prevalent.

473; 3. MANCHESTER; London Road.—Births 316; Deaths 263. The deaths registered in the

district in June 1846 were 280; in 1847, 289; in 1849, 283. The return for the present quarter is less by 20 than in 1849, less by 26 than in 1847, and less by 17 than in 1846. The average of the corresponding quarters in 1848, 1850, and 1851 gives 233.

473; 6. MANCHESTER; Newton:—Births 164; Deaths 102. The mortality amongst children has been very great, no less than 72 having died under 7 years. Measles caused 20 deaths; hooping-

cough 5; scarlatina 5; small-pox 3 (one after vaccination).

473; 7. MANCHESTER; Cheetham.—Births 136; Deaths 68. Deaths about the average. Measles and hooping-cough are prevalent. There were from measles 4 deaths, hooping-cough 2, scarlatina one.

474; I. ASHTON-UNDER-LYNE; Knott Lanes.—Births 80; Deaths 47. There has been an excess of births, which may be accounted for partly from an increase in the number of houses. There is

also an increase in the deaths, 7 of which were produced by scarlatina, which continues prevalent.

474; 2. Ashton-under-Lyne; Ashton.—Births 315; Deaths 247. Scarlatina has been very prevalent during the quarter; 18 deaths from it were registered in April, 21 in May, and 13 in

June.

474; 5. ASHTON-UNDER-LYNE; Newton.—Births 75; Deaths 87. The deaths are considerably

above the average, owing to measles and small-pox, the former particularly.

474; 6. Ashton-under-Lyne; Dukinfield.—Births 324; Deaths 277. The deaths are considerably more than in any quarter since 1842. 172 children have died this quarter at 5 years and under; scarlatina 13, measles 28, pertussis 19, fever 8. Scarlatina, measles, and pneumonia were very prevalent and fatal in April and May, but declined in June.

475; 5. OLDHAM; Royton.—Births 95; Deaths 43. Deaths below the average. Small-pox has been prevalent, 8 fatal cases, 7 without previous vaccination, and one after vaccination. Scarlatina

has been prevalent, but not fatal.

476; 9. ROCHDALE; Blatchinworth.—Births 32; Deaths 39. Deaths more than the average; 7 cases of scarlatina.

476; 10. ROCHDALE; Whitworth.—Births 109; Deaths 79. The deaths are the largest number ever registered during one quarter. Typhus and scarlatina have been prevalent in part of the dis-

trict, and continue to be very fatal.

477; I. HASLINGDEN; New Church.—Births 191; Deaths 133. The births and deaths are above the average. There has been an increase of the population, arising partly from the great influx of strangers consequent on making the Bacup Branch of the East Lancashire Railway.

477; 3. HASLINGDEN; Edenfield.—Births 31; Deaths 16. Below the average on account of

477; 4. HASLINGDEN; Haslingden.—Births 94; Deaths 53. Births rather above the average; a great many Irish labourers in the town for the hay harvest. Deaths about the average.
478; I. BURNLEY; Burnley.—Births 360; Deaths 258. Births in corresponding quarter last year 327. Deaths registered in each month are as follow: April 91, May 98, June 69; in corresponding quarter last year 219. The prevailing diseases have been scarlatina fatal in 20 cases, typhus 7 mesology 15, and appell now 15. Of courses of death 16, are contified for not contified. typhus 7, measles 15, and small-pox 17. Of causes of death 164 are certified, 61 not certified, 33 no medical attendant.

478; 2. Burnley; Padiham.—Births 76; Deaths 84. Scarlatina has been prevalent.
478; 3. Burnley; Colne.—Births 238; Deaths 165. The deaths are 20 more than in the

corresponding quarter of last year. Measles 12, small-pox 5, scarlatina 13.
479; 4. CLITHEROE; Clitheroe.—Births 99; Deaths 84. The deaths are again above the average. Scarlatina and hooping-cough have been prevalent throughout the district, 19 deaths occurred from the former, and 10 from the latter.

480; 4. Blackburn; Blackburn.—Births 503; Deaths 400. The deaths are above the average.

The increase is attributable to small-pox, scarlatina, and typhus.

480; 5. BLACKBURN; Oswaldtwistle.—Births 87; Deaths 78. Deaths above the average; scarlatina has been prevalent.

480; 6. Blackburn; Darwen.—Births 190; Deaths 126. Small-pox prevailed much in my district.

480; 7. Blackburn; Witton.—Births 57; Deaths 33. Deaths about the average. Small-pox

has prevailed very much, but fatal only in 3 cases.

481; 4. CHORLEY; Chorley.—Births 178; Deaths 149. The deaths have exceeded the usual average in consequence of a colliery explosion having occurred at Coppull within the district, by which 36 persons lost their lives.

482; 2. Preston; Preston.—Births 765; Deaths 530. There is no particular complaint prevailing at the present time. Scarlatina 26 deaths, typhus 12, other fever 9, measles 14, small-pox 9,

croup 9, hooping-cough 19.

482; 3. Preston; Walton-le-Dale.—Births 80; Deaths 46. Births and deaths above the average. Scarlatina proved fatal in 7 cases, and it still prevails at Moon's Mill and neighbourhood. 483; 1. FYLDE; Kirkham.—Births 55; Deaths 72. The mortality is much greater than usual,

owing to scarlatina being very prevalent.

483; 3. Fylde; Poulton-le-Fylde.—Births 80; Deaths 66. The births are under and the deaths considerably above the average. Scarlatina prevailed to a great extent, especially in Fleetwood. At present I presume the district is tolerably healthy.

484; 3. GARSTANG; Garstang.—Births 57; Deaths 36. Scarlatina prevails to a considerable

extent, and several deaths have within the last few days taken place from that disease.

485; I. LANCASTER; Ellel.—Births 27; Deaths 26. The deaths are above the average; scar-

latina has been very bad all the quarter.

485; 3. LANCASTER; Lancaster.—Births 148; Deaths 183. Deaths 55 above the average. Scarlatina caused 56. Scarlatina has continued through the quarter, but at present it appears sub-

485; 4. LANCASTER; Caton.—Births 15; Deaths 38. Many children have died of scarlatina. ULVERSTONE; Cartmel.—Births 37; Deaths 40. The deaths are considerably above the

486; I. ULVERSTONE; Cartmel.—Births 37; Deaths 40. The deaths are average. The deaths of 5 males and 6 females have been registered during the quarter, whose average. Suggesting 86 years: 4 deaths occurred from scarlatina, which has been prevalent during the quarter. There have also been several cases of small-pox, but none fatal. 486; 3. ULVERSTONE; Ulverstone.—Births 100; Deaths 71. The deaths show an increase of 23

above those of the corresponding quarter of last year. Small-pox has been very prevalent during the quarter. I have registered 15 cases (5 confluent), which will to some extent account for the

486; 6. ULVERSTONE; Hawkshead.—Births 29; Deaths 48. The deaths above the average. Scarlatina has been prevalent in this district, and has proved fatal to 19 children. It is rather abating at present.

IX. YORK DIVISION.—35. WEST RIDING.

488; 1. Settle; Bentham.—Births 43; Deaths 32. Scarlatina prevailed during the quarter. 489; 4. SKIPTON; Kildwick.—Births 54; Deaths 33. Deaths are not much above the average but 15 are from scarlatina, and, with the exception of one, occurred in one township, viz., Cowling. 489; 7. Skipton; Grassington.—Births 27; Deaths 28. The mortality is higher than ever it has been since I became Registrar. The prevailing diseases have been scarlatina, consumption, and influenza, but particularly the first, of which there have been no less than 9 cases. It made its first appearance in the village in July last year, and since that time we have never been clear of it until about a month ago.

494; 2. Keighley.—Births 238; Deaths 166. Deaths above the average; scarlatina,

hooping-cough, &c. being prevalent.

495; 2. Todmorden.—Births 164; Deaths 93. The deaths are more numerous than in any quarter since the corresponding one of last year, though there have not been any epidemics to account for the increase. Diseases of the chest have been more numerous than usual.

498; 2. Halifax; Brighouse.—Births 75; Deaths 39. Small-pox and typhus have been very virulent throughout my district; yet there has been only one case of the former and four of the

latter that have proved fatal.

498; 4. Halifax; Halifax.—Births 321; Deaths 211. There is a gradual increase in the births in consequence of the general prosperity of the district. Many persons leave the country districts, and locate themselves here, with a view to employment. The deaths are about the average.

There have been registered from pertussis 14, scarlatina and typhus 15, small-pox 12.
498; 9. Halifax; Ovenden.—Births 137; Deaths 89. The deaths have increased on account of small-pox, which has been very prevalent, and was fatal in 11 cases. A man died of this disease

at the age of 20 years, and another at the age of 35.
498; 10. Halifax; Northowram.—Births 211; Deaths 117. There have been 5 cases recorded of small-pox during the quarter at ages varying from 7 weeks to 15 months. Such fatality in this disease may partly be attributable to parents neglecting to get their children vaccinated, as 3 out of the 5 were not vaccinated, and had no medical attendant.

499; 5. Bradford, East-end.—Births 304; Deaths 221. I have rather more than the average number of deaths, those of the young being more numerous than in any previous quarter.

Small-pox was fatal in 14 cases.

499; 6. Bradford, West-end.—Births 266; Deaths 156. I have had 12 cases of small-pox this quarter, but the district is generally in good health. The mortality is below the

average.

- 499; 7. Bradford; Horton.—Births 379; Deaths 216. There are 14 deaths from scarlatina, one at the age of 38 years; and 10 cases of small-pox, 3 in adults. I find there is still a prejudice against vaccination to some extent, which may be strengthened by the fact of its not having proved effectual in one or two instances lately.
- 499; 8. Bradford; Thornton.—Births 148; Deaths 111. The deaths are considerably above the average, after taking into account the increase of population. From the long continuance of dry easterly winds at the beginning of this quarter there were many deaths of the very young and old

from diseases of the respiratory organs. 2 deaths from small-pox, without previous vaccination.
500; 1. Hunslet; Wortley.—Births 195; Deaths 153. The deaths are considerably above the average. This may be partly owing to the increase of population, but in a greater degree to measles

which was fatal in many cases during the long drought and prevalence of the east winds.

501; 2. LEEDS; North.—Births 390; Deaths 280. The deaths are nearly the same as in the corresponding quarter of 1851; though hooping-cough and scarlatina have prevailed more during the last than in the two preceding months.

502; 3. Dewsbury; Gomersall.—Births 100; Deaths 84. There is an increase of deaths, owing

to the prevalence of measles and hooping-cough.

502; 6. Dewsbury; Dewsbury.—Births 135; Deaths 110. The excess in deaths arises from 17 cases of small-pox, all without vaccination.

- 502; 7. Dewsbury; Soothill.—Births 54; Deaths 25. Small-pox has been very bad, but there has been only one death, and the child, who was two years old, had never been vaccinated, and no medical attendant was called in.
- 505; 2. Barnsley,—Births 244; Deaths 115. There is a decrease of 10 deaths as compared with those of the corresponding quarter of 1851, which is the more remarkable as since the latter period a considerable improvement has taken place in the coal trade of the district, and a consequent increase of population. There appears to be very little sickness at present prevailing.

506; 2. WORTLEY; High Hoyland.—Births 34; Deaths 25. The deaths have been above the average. The cold dry north-east wind that prevailed in April and May appears to have had an injurious effect on the health of the inhabitants. Fancy weaving has been depressed for some time.

Persons employed in the trade would emigrate if they had the means.

508; 1. Sheffield, West-Births 192; Deaths 128. This is the smallest number of deaths that has been registered in one quarter since the December quarter of 1850. Small-pox destroyed II lives; 9 of persons not vaccinated, the others of married women who had been vaccinated when young.

508; 2. Sheffield, North.—Births 390; Deaths 310. Measles 23 deaths; small-

pox 18; fever 14.

508; 3. Sheffield, South.—Births 186; Deaths 106. The number of deaths is rather low. Epidemic disease has destroyed 13 lives; 5 by scarlatina, 4 by variola, 2 by fever, and 2 by rubeola. Small-pox is still more prevalent than usual.

508; 4. Sheffield Park.—Births 184; Deaths 90. Fifteen cases are those of small-

pox, 2 of them in males, 47 years and 24 years of age.
508; 5. Sheffield; Brightside.—Births 150; Deaths 95. The deaths are considerably above the average. Five were caused by small-pox, 5 by measles. Though small-pox prevails to a con-The deaths are considerably above siderable extent, yet from the numbers that have recently been vaccinated there is reason to believe that the public are availing themselves of the facilities afforded by the system of gratuitous vaccination. The great increase of population in my district will account for the extra number of deaths as well as births, the latter being the greatest amount ever registered in one quarter.

508; 7. Sheffield; Handsworth.—Births 40; Deaths 29. I have registered about 12 deaths above the average. Small-pox has been exceedingly prevalent, and still continues to be so. Six deaths resulted from small-pox, and I believe none of the sufferers had been previously vaccinated.

36. East Riding.

520; 3. Kingston; Myton.—Births 271; Deaths 190. Scarlatina has been very prevalent during the past quarter, and was fatal in 24 cases.

37. NORTH RIDING.

525; 2. Scarborough.—Births 136; Deaths 70. The births are 8 more than in the corresponding quarter for 1851, which I can only account for by the increase of population in the town of Scarborough. The deaths are 18 less than in the corresponding quarter for 1851. The only epidemic cases have been 3 of small-pox and 1 of croup. I cannot account for the decrease otherwise than from the almost total absence of epidemic cases, our having had several weeks of dry weather in the fore part of the quarter, and that the town of Scarborough is certainly much improved in draining and other sanatory regulations compared with what it was a few years ago.

527; 2. EASINGWOLD; Easingwold.—Births 72; Deaths 41. Both births and deaths exceed any of the corresponding quarters for the last 5 years. Scarlatina has partially prevailed, but 3 cases

only have proved fatal.

536; 2. LEYBURN; Leyburn.—Births 44; Deaths 20. Influenza has been very prevalent in this district, but it has not assumed a fatal character.

X. NORTHERN DIVISION .- 38. DURHAM.

544; 3. Weardale; Wolsingham.—Births 53; Deaths 36. Deaths above the average. Scar-

latina has prevailed.

545; 4. DURHAM; St. Nicholas.—Births 246; Deaths 134. The deaths are about the average. Scarlatina has not been so prevalent. Small-pox is still prevailing in many of the colliery districts,

but there are not many fatal cases.

548; 1. CHESTER-LE-STREET; Chester-le-Street.—Births 100; Deaths 70. At the commencement of this quarter scarlatina was prevalent among children, but is much abated. Small-pox has also spread to a considerable extent in the western part of the district, and a number of children have died, none of whom had been vaccinated.

39. NORTHUMBERLAND.

553; 2. TYNEMOUTH; North Shields.—Births 138; Deaths 84. Small-pox continues to prevail. 553; 3. TYNEMOUTH; Tynemouth.—Births 156; Deaths 107. There were 6 deaths from smallpox.

560; I. Belford.—Births 59; Deaths 39. Scarlatina has been very prevalent, and

has produced an excess of deaths.

41. WESTMORLAND.

575; 1. Kendal; Ambleside.—Births 55; Deaths 39. Deaths rather above the average. Scarlatina has been and is still very prevalent, and 7 cases proved fatal.

XI. WELSH DIVISION. 42. Monmouthshire.

576; I. CHEPSTOW; Shirenewton.—Births 42; Deaths 41. The deaths have risen from 32, as returned last quarter, to 41 (the average being about 24). Scarlatina, typhus, and brain fever have prevailed all over the district; 11 persons died of fever. The weather in March, April, and May was very cold, with sharp frosts at night, and keen winds from the east almost continually, and there was much sickness.

578; 3. ABERGAVENNY; Abergavenny.—Births 63; deaths 76. The average number of deaths for the last 10 years in the June quarter has been 46. This Return is consequently 30 above the average. Small-pox has proved very fatal, 12 deaths having been registered from this cause (4 amongst adults).

580; 2. Newport,—Births 204; Deaths 140. The deaths do not exceed the average, although measles, small-pox, scarlatina, and other forms of fever have largely prevailed. The weather for the most part has been unusually cold, and latterly wet and stormy.

43. South Wales.

581; 2. CARDIFF; Cardiff.—Births 216; Deaths 144. Although the population increases at the rate of about 8 per cent. per annum, the mortality is below the average. I think this result is attributable in some degree to the rigid supervision of common lodging houses, the enforcement of cleanliness, and the prevention of overcrowding therein, under the powers of the Public Health Act; besides which, since the establishment of the Local Board of Health, the town has been more

efficiently cleansed and watered than was previously the case.

582; 4. Merthyr Tydfil; Aberdare.—Births 258; Deaths 266. Births exceed last quarter's return by 64, and the corresponding quarters of last year by 58; this may be accounted for by a general increase of the population, on account of several new collieries being worked in the district. The deaths are far above the average, exceeding those of last quarter by 128, and of the corresponding quarter of last year by 142. This is accounted for partly by 71 accidental deaths having occurred, 65 of which were caused by a dreadful explosion of fire-damp, and partly by small-pox having provided your fatally. This disease applied off redeaths for the corresponding provided your fatally. having prevailed very fatally. This disease carried off no less than 60 persons.

585; 3. SWANSEA; Swansea.—Births 205; Deaths 164. Small-pox has been very prevalent in some parts of the town. Deaths from the above disease have been 48-33 of which were certified as

having occurred to persons unvaccinated.

600; 3. Brecknock; Brecknock.—Births 59; Deaths 102. About 40 deaths resulted from

measles. Scarlatina was fatal in a few cases.

601; 2. CRICKHOWELL; Llangunider.—Births 45; Deaths 23. Scarlatina has prevailed amongst

children of tender age.

601; 4. CRICKHOWELL; Llanelly.—Births 126; Deaths 48. The deaths are below the average of corresponding quarters. There are 4 from small-pox, 2 in persons not vaccinated, and 2 after unsuccessful vaccination.

44. North Wales.

608; 2. Montgomery; Chirbury.—Births 40; Deaths 38. The deaths are above the average. The number has been exceeded only in quarters ending March and June 1841. Small-pox still continues in the eastern portion of this district, but the only deaths (2) were in cases where the persons had not been vaccinated. Hooping-cough is also now prevalent in the same part of the district, and proved fatal in 3 cases.

613; 2. St. Asaph; Abergele.—Births 53; Deaths 34. Small-pox prevails.
613; 3. St. Asaph; Denbigh.—Births 37; Deaths 45. Five deaths from small-pox, all in persons unvaccinated.

- 619; 3. PWLLHELI; Aberdaron.—Births 29; Deaths 30. The deaths show an increase of 13 on those of the same quarter of 1851. There were 6 from scarlatina, 2 from measles, and 2 from Irish fever.
- 620; 3. CARNARVON; Carnarvon.—Births 87; Deaths 107. The deaths are above the average on account of small-pox, measles, &c.

621; 2. BANGOR; Bangor.—Births 114; Deaths 135. Deaths above the average. Measles and

hooping-cough prevalent.

621; 3. BANGOR; Llanllechid. - Births 70; Deaths 60. Measles and hooping-cough are prevalent.

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QUARTERLY RETURN

THE MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF

ENGLAND.

Marriages, April, May, June 1852. Births and Deaths, July, August, Sept. 1852.

1852.

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

[No. 15.

This Return comprises the Births and Deaths registered by 2190 Registrars in all the districts of England during the Summer quarter ending September 30th, 1852; and the Marriages in more than 12000 churches or chapels, about 3228 registered places of worship unconnected with the Established Church, and 624 Superintendent Registrars' offices, in the quarter that ended June 30th, 1852.

The Return of Marriages is not complete; but the defects are inconsiderable, and approximative numbers have been supplied from the records of previous years.

The Marriages, Births, and Deaths in the Return exceed the average; so that the result is mixed; indicating great activity in all the sources of employment, but no general diminution of the causes of mortality.

MARRIAGES.

80014 persons were married in the quarter ending June 30th, 1852; and thus 40007 new families were established, or 5286 more than were established in the

Marriages, Births, and Deaths, returned in the Years 1840-52 and in the Quarters of those Years.

YEARS -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850*	1851	1852
Marriages - Births Deaths	122665 502303 359687	122496 512158 343847	118825 517739 349519	123818 527325 346445	132249 540763 356933	143743 543521 349366	145664 572625 390315	135845 539965 423304	138230 563059 399833	141883 578159 440853	152738 593422 368986	153740 616251 395933	500 510 900
						M	ARRIA	GES.					
Quarters ending the last day of March - June - September December -	26395 30786 29221 36263	24447 32551 29397 36101	25860 30048 27288 35629	25285 31113 28847 38573	26387 34268 31675 39919	29551 35300 35003 43889	31417 37111 35070 42066	27480 35197 32439 40729	28398 34721 32995 42116	28429 35844 33874 43736	30567 39204 37636 45331	32619 38498 37155 45468	32933 40007
							BIRT	HS.					
March - June September - December -	132305 129059 119822 121117	133720 129884 123868 124686	135615 134096 123296 124732	136837 131279 128161 131048	143578 136941 130078 130166	143080 136853 132369 131219	145108 149450 138718 139349	146453 139072 127173 127267	139736 149760 140359 133204	153772 153693 135223 135471	144551 155865 146911 146095	157374 159138 150584 149155	161776 159136 151193
							DEAT	HS.					
March - June September - December -	98896 90339 80822 89630	99069 86134 75440 83204	96314 86538 82339 84328	94926 87234 76792 87493	101024 85337 79708 90864	104664 89149 74872 80681	89484 90231 101663 108937	119672 106718 93435 103479	120032 99727 87638 92436	105871 102153 135235 97594	98418 92875 85846 91847	105446 99639 91600 99248	106682 100813 100497

^{*} The numbers up to 1850 have appeared in the Annual Reports.

corresponding quarter of 1848. The proportion of persons married to the population was 1766; of marriages 883 in 100000; while the average numbers are respectively 1656 and 828. The increase in the marriages appears to be general; but it is the greatest in London, where the marriages in the quarter were 6713, or 1304 more than the marriages in the corresponding quarter of 1848. In Hampshire, Devonshire, Somersetshire, Cheshire, Lancashire, Durham, Cumberland, and South Wales, and generally in the ports from which emigrants sail, an unusual number of marriages was celebrated.

BIRTHS.

The number slightly exceeds the high number registered in the corresponding quarter of 1851, and is greater by 31371 than the number registered in 1840, when it is believed the registration was more imperfect than it is now. Within the last twelve months 621260 children have been enrolled on the national Registers. The rate of births in England is influenced by the seasons; it is higher in the first than it is in the last two quarters of the year, in the proportion of 34 to 31. Thus, taking one year with another, the annual rate of births per cent. in the Spring quarter is 3.411, in the Summer quarter 3.147; the rates in 1852 were 3.516 and 3.294.

INCREASE OF POPULATION.

As 151193 births and 100497 deaths have been registered in the quarter, the natural increase is 50696, which is at the rate of 3899 weekly, and 557 daily. The natural increase is less than it has hitherto usually been, not through any

England: †—Annual Rate per Cent. of Marriage, Birth, and Death, during the Years 1842-52, and the Quarters of those Years.

						-			Table 200 a newspree	THE PERSON AND		
Estimated Population of England in thousands in the middle of each Year -	16123	16318	16516	16716	16919	17124	17331	17541	17754	17977	-	18195
YEARS	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Mean, 1842-51.	1852
Marriages - Births Deaths	*737 3*211 2*168	3·232 2·123	*801 3*274 2*161	*860 3·251 2·090	*861 3*385 2*307	·793 3·153 2·472	•798 3•249 2•307	*809 3*296 2*513	*860 3*343 2*078	*855 3*428 2*202	*813 3*282 2*242	-
					Ŋ	1ARRI	AGES.	***************************************				
Quarters ending the last day of March June September - December -	*654 *749 *671 *874	*632 *767 *701 *934	*644 *834 *760 *955	*721 *849 *830 1.038	•757 •882 •822 •983	•655 •826 •751 •940	•661 •805 •755 •961	•661 •822 •766 •986	*702 *888 *840 1*009	*740 *861 *819 1.000	*683 *828 *772 *968	•730 •883 -
						BIRT	'IIS.					
March June September - December -	3·431 3·344 3·032 3·058	3·420 3·234 3·114 3·174	3·507 3·334 3·123 3·115	3·491 3·291 3·140 3·103	3·498 3·551 3·251 3·256	3·488 3·265 2·945 2·938	3·252 3·474 3·211 3·038	3·575 3·523 3·056 3·053	3·321 3·530 3·281 3·253	3.569 3.559 3.321 3.279	3·455 3·411 3·147 3·127	3·585 3·516 3·294
						DEAT	THS.					
March June September - December -	2·436 2·158 2·025 2·067	2·373 2·149 1·866 2·119	2·467 2·077 1·913 2·175	2.554 2.144 1.776 1.908	2·157 2·144 2·382 2·545	2.850 2.506 2.163 2.389	2.794 2.313 2.005 2.108	2·462 2 341 3·057 2·199	2.261 2 103 1.917 2.045	2:391 2:228 2:020 2:182	2·475 2·216 2·112 2·174	2·364 2·227 2·190

[†] The Table may be read thus, without reference to the decimal points:—In the year 1848, to 100000 of the population of England there were 798 marriages, 3249 births, 2307 deaths registered.—The annual rates of marriage in each of the 4 quarters were .661, .805, .755, and .961 per cent.; the rates of death 2.794, 2.313, 2.005, and 2.108 per cent. In reading the population on the first line add 3 ciphers (000). The 3 months January, February, March, contain 90, in leap year 91 days; the 3 months April, May, June, 91 days; each of the 2 last quarters of the year 92 days. For this inequality a correction has been made in the calculation. It was assumed that the population increased at the same uniform rate as the females increased in 1841—51, namely 1.212 per cent. annually, or .302 quarterly. So $\frac{1}{4} \lambda r = .0013078$.

diminution in the number of births, but by the increase of deaths from epidemic causes.

Emigration has proceeded with increased activity. The emigration from the United Kingdom went on through the summer at a rate which, if it continue the same, will sensibly reduce the population. 109236 persons left the ports at which there are Government emigration officers; 62579 sailed for the United States, 7116 for British North America, 38601 for the Australian Colonies, and 940 for other places. 8335 emigrants sailed from Irish, 5976 from Scotch ports. 94925 sailed from English ports; namely, 70012 from Liverpool, 3125 from Plymouth, and 21788 from London. The destination of 14956 of the emigrants from London was Australia. It is well known that a large proportion of the emigrants that sail from the port of Liverpool are of Irish birth.*

It will be observed in the Table below that the average price of wheat has been 41s. 2d.; and that butcher's meat has been slightly dearer than it was.

The AVERAGE PRICES of Consols, of Wheat, Meat, and Potatoes; also the AVERAGE QUANTITY of Wheat sold and imported weekly, in each of the Five Quarters ending September 30th, 1852.

Quarters	Average Price of Consols.	Average Price of Wheat per Quarter in England and Wales.	† Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	† Wheat and Wheat Flour entered for Home Consumption at Chief Ports of Great Britain.	Average of Meat pure Leader and Newgar (by the Compared Beef.	per lb. at enhall te Markets	Potatoes (York Regents) per Ton at Waterside Market, Southwark.
1851	£						
Sept. 30	$96\frac{1}{2}$	40s. 7d.	74,714	91,040	3d.—5d. Mean 4d.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	90s.—110s. Mean 100s.
Dec. 31	9778	36s. 7d.	109,506	47,986	3d.—5d. Mean 4d.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	65s.—75s. Mean 7os.
1852 Mar. 31	$97\frac{1}{4}$	40s. 10d.	95,532	27,540	$3\frac{1}{4}d$.—5 d . Mean $4\frac{1}{8}d$.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	60s.—80s. Mean 70s.
June 30	998	40s. 10d.	87,949	54,675	$3\frac{1}{4}d$.— $4\frac{3}{4}d$. Mean $4d$.	$3\frac{3}{4}d.$ — $5\frac{1}{4}d.$ Mean $4\frac{1}{2}d.$	
Sept. 30	100	41s. 2d.	78,712	67,912	$3\frac{1}{4}d$.—5 d . Mean $4\frac{1}{8}d$.	4d6d. Mean 5d.	80s.—100s. Mean 90s.

[†] Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ending Sept. 30th, 1851, was 971,276; for the 13 weeks ending Dec. 31st, 1,423,582; for the 13 weeks ending March 31st, 1852, 1,241,921; for the 13 weeks ending June 30th, 1,143,339; for the 13 weeks ending Sept. 30th, 1,023,251. The total number of quarters entered for Home Consumption was respectively 1,183,523; 671,803; 358,024; 710,780; and 882,850; the second total, however, embraces the returns of 14 weeks.

STATE OF THE PUBLIC HEALTH.

100,497 deaths were registered in the quarter ending September 30th. This number greatly exceeds the number of deaths in any of the corresponding quarters of previous years, except 1846 and 1849, when 101,663 deaths and 135,235 deaths respectively were registered. The excessive mortality in the summer of 1846 was the result of an extensive epidemic of summer cholera and diarrhea; Asiatic cholera was epidemic in the summer of 1849; and in the present quarter the chief causes of the increase of deaths were the same as were in operation in 1846. The temperature of summer in 1846 was high; and the summer of 1852 exhibited great variations; on July 5th the temperature exceeded 90°, and through the month of July was 5° above the average; heavy thunderstorms

^{*}Return with which the Registrar General has been favoured by the Emigration Commissioners.

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were observed. The two subsequent months were colder or warmer than the average of the season. The meteorology of the season is ably discussed by Mr. Glaisher, pp. 30-32.

Cholera of the epidemic, or perhaps the Asiatic form, broke cut in Warsaw, as well as other cities on the continent, and created some alarm in England while

diarrhœa and summer cholera were prevailing.

In London 1433 deaths from diarrhea and 127 deaths from cholera were registered in 13 weeks. Diarrhea, which had been fatal to 20, 10, 19, 13, and 17 persons in the 5 weeks ending July 3d, when the mean weekly temperature was between 52° and 60°, rose, after the weekly temperature suddenly ascended to 71°, and remained above 65° or 60°,—to 31, 48, 94, 125, 213, 201, 208 in the 7 weeks ending August 21st. On the week following the deaths from diarrhea fell to 125, and the deaths from cholera were 15. It was then observed in the Report on the health of the week, that in the interval between the two great epidemics of Asiatic cholera, in the years 1832 and 1849, on the continent a partial outbreak occurred, which did not reach England; and a hope was expressed that upon the present occasion this country may enjoy a like immunity.

Before the next invasion of Asiatic cholera such remedial arrangements may and probably will be made as science has indicated and experience has approved; so that the population of England may not only be protected from this and from other forms of plague, but rescued from that degeneration which is always silently proceeding in unhealthy cities and amongst the inhabitants of low undrained lands.

The deaths by cholera in London during the five summer quarters of 1848-52 were 153, 12847, 87, 188, 127. In the thirteen weeks of the past summer small-pox was fatal in 231, measles in 129, scarlatina in 668, hooping-cough in 244, typhus in 520 cases. 1672 persons died of consumption, 26 women died of metria, and 55 of other diseases incidental to childbearing. An epidemic of boils prevailed, which is rarely fatal, but is indicated by the increase of deaths by carbuncle. 21 deaths were directly referred to intemperance, 28 to delirium tremens, only one to privation. The deaths by poison were 23, burns and scalds 34, hanging and suffocation 65, drowning 114, fractures and contusions 162, wounds 20.

The annual rate of mortality in the 117 London and other chief town districts for the summer quarters 1842-51 was 2.536 per cent.; for the summer quarter of 1852 it was 2.590. The annual rate of mortality in the other 507 districts of the kingdom was 1.826 and 1.908. The increase was rather less in the town than it

was in the country districts.

Deaths in the Summer Quarters.												
	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Total 1842-51	1852
In 117 Districts, comprising the chief towns	39409	36953	38933	36139	51405	49479	43445	78159	42777	46061	462760	51635
In 507 Districts, comprising chiefly small towns and country parishes	42930	39839	40775	38733	50258	43 956	44317	57205	43267	45539	446819	48862
Total	82339	76792	79708	74872	101663	93435	87762	135364	86044	91600	909579	100497

POPULATION; DEATHS; and MORTALITY per Cent. in the Summer Quarters of 11 Years, 1842-52.

	Population	enumerated	Deaths in	Annual Rate of Mortality	Annual Rate of Mortality	
	June 6-7th, 1841.	March 31st, 1851.	Quarters, 1842-51.	of 10 Summer Quarters, 1842-51.	in the Summer Quarter 1852.	
In 117 Districts, comprising the chief towns In 506 Districts, comprising chiefly small towns and country parishes	6,612,958 9,301,190	7,795,882	462,760 446,819	2·536 1·826	2·590 1·908	
All England	15,914,148	17,922,768	909,579	2.112	2·190	

South-eastern Division.—Diarrhea prevailed in many districts. Cholera was fatal in a few. Fever caused much sickness in Woking, Brenchley, Folkestone, East Tytherley, and in Eastchurch, Sheppey. "Diarrhea and bilious fever," says the Registrar of Eastchurch, "have been and still continue more prevalent than I "can remember during 30 years, although they have been only fatal to children." About 50 cases of fever have occurred in East Tytherley, and the disease is gradually extending to the neighbouring villages. The disease is of the lowest type; extreme prostration, petechiæ, aphtha, and profuse diarrhea showing themselves very early. The nonremoval of nuisances and the crowded state of the cottages tend to produce and propagate the disorder. East Tytherley is in the Stockbridge Union. There is an increase of mortality in the districts of Hambledon, Croydon, Cranbrook, Portsea Island, and Reading. The deaths in the sub-district of Deal, containing Walmer, were 34 in the summer quarter of 1851, and 53 in the summer quarter of 1852. Scarlatina and diarrhea raised the mortality of Sandwich.

In the South Midland Division diarrhea or cholera is noticed at Ware, Chesham, Chalfont, High Wycombe, Cranfield, Balsham, Haddenham, and Chatteris. Typhus and ague have been very prevalent in Sutton, a sub-district of Ely. The increase in the mortality of Peterborough and Bedford is not explained.

The mortality of Essex in the Eastern Division was somewhat above the average; diarrhoea was prevalent and fatal. Yarmouth was visited by an epidemic of diarrhoea, to which 55 deaths were referred. Typhus and diarrhoea, in a mild form, prevailed extensively in South Walsham. No sanatory arrangements of any kind exist in any of the villages of the district.

In the South-Eastern Division small-pox, scarlatina, and diarrhea have been partially epidemic. In Charmouth, Axminster, a family, consisting of a mechanic, his wife, and 10 children, has been nearly exterminated by scarlatina; within three weeks 7 of the children died, and "to-day," the Registrar writes, "I have notice of "another death in the same family." The disease has not spread in the neighbourhood. Another instance of 4 deaths in the same house in Morice, Stoke Damerel, is mentioned; the house is built without any regard to ventilation, and is kept in a very filthy state. By a careful investigation of particular cases of forms of disease so fatal much light may be thrown on their causes. In Martock, Yeovil, most of the deaths, after scarlatina, were the result of subsequent dropsy, arising in many instances from neglect; the poor of Yeovil, states the Registrar, "are more "generally employed and better fed than at any time within my recollection."

In the West Midland Division the mortality of Gloucestershire, Staffordshire, and Warwickshire was above, in Shropshire and Worcestershire below the average. Diarrhœa and scarlatina were epidemic in several districts; isolated cases of summer cholera are mentioned; a man, aged 66, died of cholera in 26 hours, at Wem in Shropshire; in the sub-district of Newcastle-under-Lyme in Staffordshire the deaths (122) equalled the births in number; and 44 persons, chiefly children, died of scarlatina in this insalubrious, ill-drained town. The mortality of Birmingham was high; 1222 deaths were registered in the quarter; diarrhoea was epidemic and fatal; one case of cholera is mentioned. The return of Holy Trinity, Coventry, "shows " an excess over the ordinary rate of mortality within the district, caused by the " excessive prevalence of diarrhea amongst infants. 51 deaths are ascribed to diarrhea and dysentery, sometimes united with other causes; and, with the " exception of a few aged persons, the whole are of children under 2 years of age. "The complaint has not been confined to any particular locality or class. There " is one case of English cholera, after 17 hours; that of a man 40 years of age, " who had been discharged as a soldier, and come to reside here within a month of " his death. Of the births 16 are illegitimate. Of the deaths 11 are those of " illegitimate infants."

In the North Midland Division the mortality was above the average in Leicestershire, Lincolnshire, Nottinghamshire, and Derbyshire. The districts which suffered most were Loughborough, Leicester, Grantham, Spilsby, East Retford, Basford, and Nottingham, Derby, Chesterfield, and Hayfield. In Moulton,

Spalding, it is stated that 2 cases of typhus occurred in one family. "The disease," according to the Registrar, "was caught from the parties visiting in a neighbouring "parish where the disease was prevalent." No other cases occurred in this district. The Registrar of Misterton, Gainsborough, says: "I registered the death of a female, "the mother of 9 children, 40 years of age, from "fever," as certified by the medical attendant. From my having known her to be a strong, hardworking, "healthy looking woman I was induced to make inquiry as to what could have produced the fever. I found within 18 inches of the dwelling-house door an untrapped sewer full of sludge or dirty water to the grate, and within 2 or 3 "yards of the door there was a quantity of manure. I recommended the immediate removal of the nuisance. Shortly afterwards I heard the husband of the deceased woman was ill."

Lancashire and Cheshire have experienced a high rate of mortality. 18592 deaths were registered in the Summer quarter, a number 3546 in excess of the deaths in the Summer quarter of last year, and 3628 less than the number of deaths in the Summer quarter of 1849, when Asiatic cholera was epidemic. Diarrhea is the chief cause of the increase of mortality; it was epidemic, and extended its ravages into almost every district. The deaths in Liverpool and West Derby from all causes were 3537; in Chorlton, Salford, and Manchester 4153. In Manchester 4 men, who were working in the same buildings, were killed by the effects of lightning on August 10th. In Ashton the Registrar notices that three fourths of the deaths by diarrhea and dysentery happen in streets and places where there is little or no sewerage.

Yorkshire was more unhealthy than usual, as is shown by the deaths in the last five summer quarters—8942, 14805, 9107, 10006, and 11630. Huddersfield, Halifax, Bradford, Hunslet, Leeds, and Dewsbury, Ecclesall Bierlow, and Sheffield, York, Beverley, Sculcoates, Hull, Scarborough, and Guisborough, all suffered more or less from the epidemic diarrhæa, and the mortality was in consequence raised. Several fatal cases of summer cholera are recorded. The Registrar of Barnsley states that a fatal case of Asiatic cholera occurred at Dedworth in Barnsley, which is in a very unsatisfactory state: the application of "Asiatic" to such cases as this and the following is, however, of questionable propriety.

The mortality of the Northern Division was above the average; the increase was slight in Cumberland and Westmorland, considerable in Northumberland and Durham. Measles, small-pox, and scarlatina were epidemic in some districts, and diarrhœa was common. The Registrar of Bishop Auckland registered, he says, 4 deaths from "decided spasmodic cholera; in 2 cases the deceased were men of "intemperate habits, one a wayfaring man at a lodging house, and the fourth a "married woman, the mother of a family." A woman in Durham, aged 28, died of "Asiatic cholera" after 24 hours illness; a girl, aged 6, died of the same disease. Four deaths in Monkwearmouth were referred to summer cholera. One death from Asiatic cholera occurred at Bedlington Colliery, Morpeth, after 25 hours of extreme suffering, to a man, aged 38 years, of regular and temperate habits.

In the Welsh Division the deaths were 5578, which is a number 371 in excess of the deaths in the summer of 1851. Scarlatina, small-pox, typhus, and diarrhea prevailed to some extent. Three persons were struck by lightning in Wrexham. The Registrar of Newport, Monmouthshire, says: "Although diarrhea has very "extensively prevailed, it has not been of a very fatal nature. One death, that of a woman, aged 65, was certified to have been from "cholera Asiatica, diarrhea (24 hours), collapse (6 hours)." Hooping-cough and pneumonia among children have been fatal in a great number of cases. A few cases of small-pox have also been registered, but vaccination has prevented the disease from prevailing widely. This town is governed under the provisions of the Health of Towns Act, but the drainage is in a sad state, although the natural facilities for draining are great. The chief diseases which prevail here are such as might be obviated, as is evident from the fact that of 135 deaths upwards of 60 (or nearly half) were of children under a year old."

MARRIAGES Registered in the Quarters ending June 30th, 1848-52; BIRTHS and DEATHS Registered in the Quarters ending September 30th, 1848-52, in the Divisions, Counties, and Districts of England.

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		KI		1848	140359 I		17152	12006	9589	8570	13236	16827	9480	21090	15043	8272	9094	•		12527	3659	996
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	MARRIA			1849	58443		5677	2736	1901	1517	3444	4385	2660	5715	3585	1879	2345	•		4356		236
				1848	34721 35844 39204		5409	2785	1824	1653	3624	4228	2725	4874	3399	1876	2324	•	-	4046	2115	248
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		POPULATION.*	Open stilling comment of the difference of the comment of the comm	1841	15914148		1948369	1479863	1141542	1040616	1740032	1902125	1110203	2067009	1584116	826710	1068547	2016	- Paradameters (P.).	1445023	399170	104176
		DIVISIONS.			ENGLAND	Divisions.	I London	2 South Eastern	3 South Midland	4 Eastern	5 South Western	6 West Midland	7 North Midland	8 North Western	9 York	10 Northern	II Welsh	Persons travelling by Railways and Canals	I. LONDON.	Middlesex (part of)	Surrey (part of)	Kent (part of)

* Seamen and others on board vessels in the various ports are included in the population given for 1851; the numbers for 1841 are in general confined to persons enumerated on shore.

		Spot Sures						
			1852	922 2359 1404 1967 994		8577776 877776 10811 7871 630 630	1654	1204 2730 2730 2134 2134
ي. م		8	1851	828 2364 1532 1833 962		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1548 2210 010	1122 729 2405 1814 2163
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DI	Y OF	SEI	1849	3698 3775 3453 1019		1123 1061 744 891 1074 282 601	2201 1621 2194	1418 928 4457 2093 2391
	LAST DAY		1848	828 2367 1322 1779 843		875 777 787 1079 1079 845 1048	1636 1463 1875	1087 710 2387 1320 1811
	THE	en identification	1852	1455 3887 2663 3082 1504		1162 11346 114131 1806 1806 11229 11563	2 4 8 6 4 9 803 80 6 6 7 8 8	35.52 8 8 2 2 8 8 2 8 6 8 9 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
	ENDING	ئہ	1851	1439 3970 2439 3064 1517		1067 1151 1313 1837 1543 1592	2694 2638 3398	1903 1379 4077 2791 3525
BIRTHS.	QUARTER	SEPTEMBER.	1850	1469 3736 2574 3001 1486		1323 11323 11321 1334 1014 1751	2762 2659 3293	1967 1344 4187 2687 3414
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	R		1848	1378 3769 2404 2991 1464		1376 1089 1315 1669 1642 1642	2573 2679 3318	1848 1320 4060 2602 3406
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	REGISTRATION	COUNTIES.*		2. SOUTH EASTERN DIVISION. 2 Kent (part of)	3. South Midland Division.	6 Middlesex (part of). 7 Hertfordshire. 8 Buckinghamshire. 9 Oxfordshire. 10 Northamptonshire. 11 Huntingdonshire. 12 Bedfordshire. 13 Cambridgeshire.	4. Eastern Division. 14. Essex. 15. Suffolk 16. Norfolk 1. Suffolk 1. Suffolk	5. SOUTH WESTERN DIVISION. 17 Wiltshire

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395533 96515 241685 528867 230387 409138	220304 23151 356226 270731 239791	368400 1698609	1176514 221376 186226	326043 266020 178038 56609	151021 529364 388162
6. West Midland Division. 22 Gloucestershire	7. North Midland Division. 28 Leicestershire	8. North Western Division. 33 Cheshire	9. YORK DIVISION. 35 West Riding. 36 East Riding (with York) 37 North Riding.	10. NORTHERN DIVISION. 38 Durham	11. Welsh Division. 151021 177165 378 380 436 42 Monmouthshire 529364 607496 1161 1172 1378 1 43 South Wales 388162 404160 785 793 874

* In the present publication the "Registration Counties" comprise groups of entire Regis^bration Districts, or Poor Law Unions; and when a District runs into two or more Counties, it has been placed with the County in which the greater part of the Population is situated: hence these groups of Districts rarely, if ever, correspond with the strict boundaries of the respective Counties named.

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DEATH	DAY OF	SEPTEMBER	1849 185	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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^a The Town of Dudley is in Worcestershire, but the greater part of the population of the Dudley District (382) being located in Staffordshire, it is classed with that county.—See note page 9.

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* This district was formed Jan. 1st, 1850, by the severance of two sub-districts from Chorlton (471), which being added to the former district of Worsley, constitute the new district and Poor Law Union of "Barton-upon-Irwell."

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a Ashton (474) and Oldham (475) formed one District down to March 31st, 1848, when each of the Unions of Ashton and Oldham became a separate District, b Changes have taken place in the constitution of these Districts since 1st January 1849.

C Hemsworth (504 a) has been constituted a District, by the severance of parishes chiefly from the Pontefract District, since 1st January 1850.

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THE A PERSONAL PROPERTY OF THE	DISTRICTS.			X. NORTHERN DIVISION. 38. DURHAM. 54. Darlington 54. Auckland 54. Teesdale 54. Weardale 55. Chester-le-Spring 54. Worderland 55. Gateshead 55. Gateshead 55. Haltwhistle 55. Haltwhistle 55. Haltwhistle 55. Haltwhistle 55. Haltwhistle 55. Haltwhistle 55. Rothbury 56. Glendale 56. Rothbury 56. Rothbury 56. Rothbury 56. Rothbury 56. Wigton 56. Wigton 56. Wigton 56. Wigton

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331 248 36 50 50 30	177 106 654 180 389	1876 198 198 888 440	125	63	69 71 38 67 102 41	89
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316 316 316 54 54 66	145 195 283 332 332	345 847 164 346	186 124 125 256	140 194 278	125 132 60 194 60	133
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35681 29988 5516 13809 7968 34832	16776 2508377 2508455 330538	32557 52863 21355 32626 38649	20182 14726 17128 37523	21748 19670 37139	19903 20863 9865 12875 22242 10254	
Cockermouth Whitehaven Bootle 41. Westmorland. West Ward West Ward Rendala	XI. WELSH DIVISION. 42. Monmouthsen. Monmouth Abergavenny Pontypool Newport	43. SOUTH WALES. GLAMORGANSHIRE. Cardiff Merthyr Tydfil Bridgend Neath. Swansea	Llanelly	Narbe Pemb Have	Cardig Newco Lamp Aberz Aberz Trega	Builth Brecknocksm
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^a A slight change has taken place in the constitution of this District since 1st January 1850.

POPULATION. 1841 1851 17676 21674
15739 15140 46 37 24 37 6722 6796 16 23
12307 12167 30 29 26016 25084 49 55 20983 20372 40 51 20450 19506 34 37 40708 41053 64 49
42295 16758 25289 12478 2478
15409 27 6736 10 12915 30 16182 36
38106 43248 72 92

A TABLE OF THE DEATHS IN LONDON FROM ALL CAUSES,

Registered in the September Quarters of the 5 Years 1848 to 1852.

CAUSES OF DEATH.	Qua	rters e	nding	Septen	nber	CAUSES OF DEATH.	Qua	rters e	nding	Septen	nber
	1848	1849	1850	1851	1852		1848	1849	1850	1851	1852
All Causes Specified Causes	13503 13450				13111 13007	IV. Cephalitis	125 282 213	134 282 248	131 281 245	132 293 239	130 283 234
I. Zymotic Diseases	5162	17763	3011	3854	3723	Delirium Tremens Chorea	33 3	61	55	35 2	28 2
Sporadic Diseases:						Epilepsy Tetanus	70	101	68	77	75 3
II. Dropsy, Cancer, and other Diseases of uncertain or variable Seat	524	540	574	571	555	Insanity	16 466 158	20 512 166	20 422 145	33 444 138	27 504 137
III. Tubercular Diseases IV. Diseases of the Brain, Spi-)	2221	2266	2183	2377	2463	Pericarditis V.	30	22	25	27	20
nal Marrow, Nerves and Senses V. Diseases of the Heart and	1369	1531	1372	1394	1423	Aneurism Disease of Heart VI.	19 328	19 414	20 379	21 370	14 430
Blood Vessels S VI. Diseases of the Lungs and	377	455	424	418	464	Laryngitis Bronchitis	36 357	33 422	43 380	28 469	31 382
of the other Organs of Respiration	973	1211	1032	1163	1148	Pleurisy	388 64	30 587 62	24 439 83	33 478 66	31 544
VII. Diseases of the Stomach, Liver, and other Organs of Digestion	858	861	748	803	846	Disease of Lungs, &c VII.	106	77	63	89	71 89
VIII. Diseases of the Kidneys,	143	143	166	131	124	Teething	117	153 20	121 15	132 14	133 17
IX. Childbirth, Diseases of the Uterus, &c {	103	118	116	119	108	Gastritis	166 62	135 135	32 106	34 114	22 131
X. Rheumatism, Diseases of the Bones, Joints, &c.	75	84	100	94	119	Peritonitis	31 30	48 29 31	57 35 28	35 32	47 35
XI. Diseases of the Skin, Cellular Tissue, &c XII. Malformations	27	15 49	16 43	20 37	26 48	Hernia	25 38	28	21 33	33 33	33 23 39
XIII. Premature Birth and De-	254	364	370	406	415	Intussusception Stricture (of the Intestinal)	17	15	8	12	11
XIV. Atrophy	339 399	458 558	361 439	416 502	408 510	Canal) Since the Canal C	9 75	6 78	13	10 82	9 60
XVI. Sudden* XVII. Violence, Privation, Cold,	111	184	115	85	71	Disease of Pancreas Hepatitis	63	57	1 47	46	60
and Intemperance)	471	450	450	447	556	Jaundice Disease of Liver Disease of Spleen	144 3	156 2	52 125	139 2	59 164 2
Small Pox	435 154	78 274	109 178	243 260	231 129	Nephritis	7	7	10	7	6
Scarlatina	1560 340	386 428	316 300	291 360	668 244	Nephria (or Bright's Disease, see Disease of Kidneys)	39	30	33	25	25
Croup	63	76 67	57 59	46 74	74 72	Ischuria	3 7	8	3 9	10	2 8
Diarrhea	1048 171	2457 208	1161 73	1456 67	1433 58	Stone	8	10	8	6 5	5 6
Cholera	153	12847	87	188	127	Stricture of the Urethra - Disease of Kidneys, &c	12 58	12 64	16 81	11 66	13 59
Purpura and Scurvy	13 8	13	9 7	14 5	11 1	Paramenia	-	2	2	. 1	6
Remittent Fever	18 8 882	24 15 710	17 8 474	38 17 627	21 10 520	Ovarian Dropsy Childbirth, see Metria Disease of Uterus, &c	12 57 34	14 61 41	20 57 37	15 55 48	14 55 33
Metria or Puerperal Fever, see	52	33	33	34	26	Arthritis Rheumatism	45	3 44	1 53	2 46	_
Rheumatic Fever, see Rheumatism Erysipelas	15 128 25			76	54	Disease of Joints, &c	30	37	46	46	74 45
Noma or Canker, see Mortification Hydrophobia				9		Carbuncle	6 8 13	2 7 6	9 3 4	4 6 10	15 2 9
Hæmorrhage	700					Intemperance Privation	15 2	15 12	16	13	21
Abscess		22	17	23	27	Want of Breast Milk, see } Privation and Atrophy - }	59	69	57	67	101
Fistula	39	5	4	7	35	Neglect	4	3 1	1	1	2
Cancer	189 10	200	238	245	235	Poison Burns and Scalds	15 31	32	26	35	34
III.						Hanging, &c	36	96		89	114
Scrofula	250	282	238	251	279	Fractures and Contusions - Wounds	156	18			20
Phthisis or Consumption - Hydrocephalus	1534 351					Other Violence Causes not specified	11 53				
		(1	1	1	er in the Weekly Tables of M		,	1	1	

Note.—The 13 weeks of 1852, constituting the September quarter in the Weekly Tables of Mortality, ended September 25th, in which 13111 deaths were registered. In the quarter ending September 30th (p.7), 13461 deaths were registered.

* Under the head of sudden deaths are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the coroner in vague terms, such as "found dead," "natural causes," &c. &c.

[†] In the years previous to 1848, "worms" and "infantile fever" were classed together. The former, of very rare occurrence, is now placed to Diseases of stomach, &c.

On the Meteorology of England, South of Scotland, and parts of Ireland, during the Quarter ending September 30th, 1852. By James Glaisher, Esq., F.R.S., Sec. of the British Meteorological Society.

Till August 2d the weather was hot; on July 5th the temperature exceeded 90° at all places, excepting those situated near the sea or at a high elevation, and those whose latitude exceeded 54°; the mean temperature of this day was 14° in excess above its average value, and the following day was in excess to the amount of 12°. The average daily excess to August 2d was 5°·2. From August 3d till August 16th the daily temperatures were mostly below their average, the mean daily defect being 1°·2. The period from August 17th till September 11th was warm, and the average daily excess of temperature was 2°·6; from September 12th the weather was cold, and the average daily defect was 1°·9.

The quarter has been remarkable for great heat in July, very frequent and severe thunderstorms, frequent and heavy falls of rain, and for an excess of rain. Harvest operations were much impeded by the unsettled weather in August, and the crops at most places sustained damage before

they were cut by being beaten down near the ground.

The mean temperature of the air at Greenwich for the quarter ending August, constituting the 3 summer months, was 61°·6, being 1°·7 above the average of 80 years.

					Tempe	rature o	f				Floati	Force		ght of ar in a
TORO		Air.		Evapor	ration.	Dew	Point.		r— Range.			pour.		Foot
1852. Months.	Mean.	Diff. from ave- rage of 80 years.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.	Water of the Thames.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.
July . August . Sept	66.6 62.1 56.8	+5.3 +0.6 +0.5	0 +5.2 +1.0 -0.2	60·7 56·6 52·7	+3.4 -1.0 -1.4	57·2 52·7 49·0	-2.1 -2.6	0 24·9 17·9 17·4	0 +6.2 0.0 +0.1	66°0 62°4 57°7	in. *475 *407 *360	in. + 037 - 036 - 037	gr. 5°3 4°6 4°1	gr. +0.4 -0.4 -0.4
Mean .	61.8	+2.1	+2.0	56.7	+0.3	53.0	-0.6	20.1	+2.1	62.0	*414	- `012	4.7	-0.1
		gree of idity.	Rea Baron	of	Cubic	ht of a Foot Air.	Ra	in.	Daily Hori-			-	eter on G	łrass.
1852.		Diff.		Diff.		Diff.		Diff.	zontal move-	1	ber of N it was	ights	Low-	High-
Months.	Mean.	from ave- rage of 11 years.	Mean.	from ave- rage of 11 years.	Mean.	from ave- rage of 11 years.	Amount.	from ave- rage of 37 years.	ment of the Air.	At or below 400	Be- tween 40° and 50°	Above 500	Read- ing at Night.	Read- ing at Night.
July August . Sept	*732 *728 *772	-·063 -·093 -·058	in. 29.857 29.649 29.739	in. +:067 -:148 -:101	gr. 520 521 528	gr. - 4 - 8 - 1	in. 2°3 4°5 3°9	in. -0.2 +2.2 +1.6	Miles. 60 93 53	1 0 11	22 20 17	. 8 11 2	0 38°0 42°0 30°0	60°0 58°8 51°0
Mean .	•744	071	29.748	061	523	- 3	Sum 10.7	Sum +3.6	69	Sum 12	Sum 59	Sum 21	30.0	60.0

Note.—In reading this table it will be borne in mind that the sign (-) minus signifies below the average, and that the sign (+) plus signifies above the average.

Thunderstorms occurred, or thunder was heard and lightning seen, on 5th July between latitudes 49° and 57°; on the 6th at Jersey, Guernsey, Stone, Manchester, Stonyhurst, and Whitehaven; on the 11th at Jersey and Guernsey; on the 12th at Jersey; on the 13th between latitudes 51½° and 54°; on the 14th and 15th between latitudes 51½° and 57°; on the 16th between latitudes 49° and 55°; on the 17th at St. John's Wood, Whitehaven, and Glasgow; on the 18th at Ennis; on the 19th at Ennis and Dunino; on the 20th at Stonyhurst and Glasgow; on the 24th at Ryde; on the 25th at Greenwich, St. John's Wood, Hartwell, Cardington, and Bedford; on 1st August at Cardington; on the 3d at Whitehaven; on the 4th at Stone, Hartwell Rectory, Royston, Norwich, Liverpool, Whitehaven, and North Shields; on the 5th at Guernsey, Newport, and Whitehaven; on the 6th between latitudes 50° and 54°; on the 7th between latitudes 51½° and 53°; on the 8th at Norwich and Nottingham; on the 9th between latitudes 52° and 55°; on the 10th between latitudes 50° and 55°; on the 11th at Ryde, Cardington, and Bedford; on the 12th at Newport, Ryde, Ennis, Grantham, Liverpool, and York; on the 14th at Liverpool, Wakefield, and Stonyhurst; on the 15th at Ryde; on the 17th between latitudes 49° and 54°; on the 18th between latitudes 49° and 53½°; on the 19th at Torquay, Exeter, and York; on the 26th at Jersey; and on the 30th at Hawarden; on 4th September at Holkham, Liverpool, and York; on the 5th at Hartwell, Norwich, and Grantham; on the 6th between latitudes 50° and 55°; on the 7th between latitudes 50° and 53½°; on the 9th at Newport, Ryde, Uckfield, Midhurst, and Aylesbury; on the 10th at Uckfield; on the 15th at Falmouth; on the 20th at Wakefield and Stonyhurst; on the 21st at Holkham; and on the 28th at Uckfield, Greenwich, and St. John's Wood.

Thunder was heard, but lightning was not seen, at various places on July 3d, 4th, 5th, 6th, 7th 8th, 9th, 10th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 24th, 25th, 26th, 28th, 29th, 30th, and 31st; on August 1st, 3d, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 17th, 18th,

19th, 24th, 26th, 28th, 30th, and 31st; on September 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 13th,

15th, 16th, 28th, and 29th.

Lightning was seen, but thunder was not heard, on July 3d, 4th, 5th, 6th, 7th, 9th, 11th, 12th, 14th, 15th, 16th, 17th, and 20th; on August 4th, 5th, 6th, 9th, 10th, 11th, 13th, 14th, 15th, 17th, 18th, 21st, 23d, 24th, 26th, and 30th; on September 4th, 5th, 6th, 7th, 8th, 9th, 10th, 15th, 20th, and 28th.

Remarkable falls of Rain on the 2d July at Stonyhurst was 0.5 in.; on the 5th at Grantham 1.6 in. fell in about one hour, at Gainsborough 0.5 in. in an hour, at Leeds 0.6 in., at Durham 2.3 in., and at North Shields 2.6 in. fell in 5½ hours; on the 6th at Guernsey 0.8 in., at Derby 1.7 in.; on the 12th at Guernsey 1.7 in; on the 13th at Stone 0.5 in., at Wakefield 1.9 in., at Leeds 0.5 in.; on the 12th and 13th at York 0.9 in.; on the 14th at Hartwell Rectory 0.6 in., at Linslade o·8 in. fell in a few hours; at Royston 1·4 in.; on the 15th at Derby o·9 in.; on the 16th at Guernsey o·5 in., at Ryde 1·0 in., of which o·8 fell in 20 minutes, at Enfield o·6 in., at Royston 1·0 in.; on the 17th at Newport o·7 in., at Hartwell Rectory o·6 in., at Aylesbury 1·4 in., at Whitehaven 1·3 in. which fell in about one hour; on the 25th at Ryde 1·5 in., at Greenwich 2·0 in., of which 1·0 in. fell within 15 minutes, and o·5 in. fell in a quarter of an hour at another time in the day, at Rose Hill near Oxford 1·4 in., at Royston o·7 in.; on the 26th at Newport at Southampton 1·6 in. at Enfield o·6 in., at Grantham 1·2 in. at Derby 1·4 in. at o 9 in., at Southampton 1 · 6 in., at Enfield o · 6 in., at Grantham 1 · 2 in., at Derby 1 · 4 in., at Nottingham 2 · 1 in., at Gainsborough o · 6 in., at Manchester 1 · o in., at Wakefield o · 5 in., at Stonyhurst 1.0 in., and at Durham 0.7 in.; on the 2d of August at Falmouth 0.6 in.; on the 7th at Ryde o.6 in., at Derby 1.0 in.; on the 10th at Falmouth 1.2 in. during the preceding night, at Southampton o 7 in., at Stone o 7 in., at Hartwell Rectory o 6 in., at Linslade o 6 in., at Grantham o 5 in. of which o'3 fell in 10 minutes, at Stonyhurst o'9 in., and at Durham o'7 in.; on the 11th at Falmouth o'7 in., at Torquay 1'7 in., at Ryde 1'0 in., at Stone o'8 in., at Hartwell Rectory o'9 in., at Linslade o 9 in., at Royston o 5 in., at Cardington 1 o, at Bedford o 9 in., at Grantham o 9 in., at Nottingham 1·1 in., at Gainsborough o·8 in., at Wakefield o·8 in., at Leeds o·6 in., and at North Shields 3·1 in. fell in 19½ hours; on the 12th at Torquay o·8 in., at Ryde o·6 in., at Southampton o.9 in., at Greenwich o.6 in., at Enfield o.8 in., at Linslade o.6 in., at Grantham o.8 in., at Derby o.7 in., at Stonyhurst o.5 in., at Durham 1.0 in.; on the 13th at Newport o.6 in., at Ryde oʻ7 in., at Norwich oʻ6 in., at Durham oʻ7 in.; on the 14th at Falmouth oʻ7 in., at Southampton 1·7 in. which fell in 5 hours, at Stone oʻ7 in., at Hartwell Rectory oʻ7 in., at Royston oʻ9 in., at Cardington 1·3 in., at Bedford 1·2 in.; on the 15th at Guernsey oʻ8 in., at Torquay oʻ5 in., at Newport oʻ7 in., at Ryde oʻ8, at Greenwich 1·1 in., at St. John's Wood oʻ6 in., at Linslade oʻ9 in. in 7 hours, at Derby o.6 in.; on the 16th at Uckfield 1.2 in.; on the 17th at Southampton o.8 in., at Stone 1.6 in., at Hartwell Rectory 1.4 in. in 5 hours, at Linslade 1.2 in. of which o.9 in. fell in one hour, at Bedford 1.2 in., at Grantham 1.2 in. of which o.8 in. fell in 40 minutes, at Hawarden 1.7 in. which fell in about one hour, at Gainsborough 1.0 in., at Stonyhurst o·6 in.; on the 18th at Enfield o·5 in., at Stone o·6 in., which fell in one hour; on the 19th at Ryde o·6 in., at Norwich o·8 in., at Grantham o·6 in.; on the 20th at Ryde o·7 in.; on the 24th at North Shields 1.5 in.; on the 25th at Stonyhurst 0.8 in.; on the 20th at Enfield 0.5 in.; and on the 31st at Stonyhurst 0.7 in. These heavy falls did much damage to the crops. On 5th September at Norwich 0.5 in., at Grantham 0.5 in. fell in about a quarter of an hour; on the 6th at Linslade 0.7 in. fell in two hours, at Grantham 1.0 in., at Nottingham 2.6 in. fell in 28 hours; on the 7th at Manchester 0.5 in., at Durham 0.5 in.; on the 8th at Southampton o·7 in., at Uckfield o·9 in., at Greenwich I·0 in., at Enfield o·6 in., at Stone o·6 in., at Hartwell Rectory o·6 in., at Aylesbury o·8 in. fell in about one hour; on the 9th at Newport I·4 in., at Ryde o.6 in.; on the 10th at Newport o.6 in., at Ryde o.7 in., at Southampton o.7 in. fell in one hour, at Uckfield 1.2 in.; on the 15th at Grantham o.5 in.; on the 16th at Norwich 1.4 in.; on the 18th at Torquay o'7 in., at Greenwich o'8 in., at Stone o'7 in., at Linslade 1'0 in., at Grantham o'6 in., at Hawarden 1'3 in., at Wakefield 1'2 in., at Leeds o'9 in., at Stonyhurst 1'0 in.; on the 19th at Newport o'8 in., at Ryde o'8 in., at Southampton 1'0 in., at Hartwell Rectory o'7 in., at Royston o'6 in., at Stonyhurst o'6 in.; on the 20th at Norwich o'6 in., at Hawarden o'8 in., at Stonyhurst o'5 in.; on the 26th at North Shields o'7 in.; on the 27th at Enfield o'7 in., at Norwich 1'1 in., at Durham o'5 in., at North Shields o'9 in.; on the 28th at Norwort o'7 in., at Ryde o'6 in., at Southampton o'7 in., at Hekfield 1'0 in. at Greenwich o'6 in. Newport o'7 in., at Ryde o'6 in., at Southampton o'7 in., at Uckfield 1'0 in., at Greenwich o'9 in., at St. John's Wood 1'0 in., at Hartwell Rectory o'5 in., at Norwich o'7 in., at Leeds 1'0 in., at Durham o'6 in., at North Shields 3'9 in.; on the 29th at Falmouth 1'4 in. fell during the afternoon hours, at Torquay 1'1 in., at Grantham 1'0 in., at Nottingham 1'0 in., at Wakefield 1'0 in., at York 1.3 in., at Durham 2.5 in., at North Shields 0.9 in.; and on the 30th at Torquay 1.3 in., and at Durham 0.6 in. Thus at North Shields the amount of rain from September 26th to September 29th Durham o.6 in. was 6.4 inches.

Solar Halos were seen on 6 days in July, on 8 days in August, and on 15 days in September at the different stations; and Lunar Halos on 6 days only at the different stations during the quarter.

Hail fell at a few places on 13 days in the quarter.

Fog, with the exception of places situated within the latitudes of 51° and 52°, was inconsiderable; between these parallels it occurred on 7 days in July and on 12 in September.

Aurora Borealis occurred on July 3d, 6th, 13th, and 14th, and on September 11th, 17th, 18th,

19th, 20th, and 21st.

Ice at Hawarden on 10th August; it fell in large angular pieces during a thunderstorm.

Snow fell on Ben Nevis and the highest Grampians on 20th September.

Wheat began to be gathered at most places between the latitudes of $49\frac{1}{2}^{\circ}$ and 53° on the 1st, 2d, and 3d of August, at Durham on the 16th, North Shields on the 17th, and Dunino on the 24th.

Harvest was completed at places south of latitude 55° between 17th and 27th September.

	Air	the	le	of Tem-	e of	ni e	C44	the		WIND.	1.	RAIN.	r in	ight ubie	ty.	of	cubic	the
NAMES OF THE PLACES.	Pressure of ded to the level	Air. Highest Reading of the	Lowest Reading of the Thermometer.	nge		-	Mean Temperature of Evaporation.	Mean Temperature of Dew Point.	Mean estimated Strength.	General Direction.	Mean Amount of Cloud.	Number of Days on which it fell. Amount collected.	Mean Weight of Vapour a cubic foot of Air.	Mean additional Weight required to saturate a cubic foot of Air.	Mean degree of Humidity.	Mean whole Amount of Water in a vertical column of Atmosphere.	Veight of a Air.	of Cistern of eter above the Sea.
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The mean of the numbers in the first column is 29°476 inches, and it represents that portion of the reading of the barometer due to the pressure of air; the remaining portion, or that due to the pressure of water, is 0°435 inch; the sum of these two numbers is 29°911 inches, and it represents the mean reading of the barometer for the quarter at the level of the sea.

The highest readings of the thermometer in air were 95° 5 at Gainsborough, 95° 0 at Leeds, 93° 7 at Holkham, and 93° 5 at Wakefield. The lowest reading was 31° at Aylesbury and Wakefield. The least daily ranges of temperature took place at Ventnor, Guernsey, Worthing, and Torquay; and the greatest at Uckfield and Leeds.

Rain fell on the least number of days at Dunino, Guernsey, Greenwich, Norwich, and Holkham; and on the greatest number at Royston, North Shields, Wakefield, and Leeds. The least falls took place at Dunino, Leeds, and Gainsborough; and the mean amount at these places is 7°0 inches. The largest falls occurred at North Shields, Stonyhurst, Uckfield, and Ryde, and their mean is 15°3 inches.

QUARTERLY METEOROLOGICAL TABLE for different Parallels of Latitude.

PARALLELS OF LATITUDE, &c.	Temperatur	Mean of Highest Readings of the Thermometer. Mean of Lowest Readings of the Thermometer.	erage	Monthly Ra	ge Quarterly I	of of	Dew Point.	Mean Amount of Cloud.	Average Number of Bays.	Average fall.	Mean Weight of Vapour in a cubic foot of Air.	Mean additional Weight required to saturate a cubic foot of Air.	Mean degree of Humidity.	Mean whole Amount of Water in a vertical column of Atmosphere.	ot sal	Mean Height above the Sea level.
In the Counties of Cornwall and Devonshire Newport and Ryde South of latitude 51° Between the latitudes of 51° and 52° Between the latitudes of 52° and 53° Between the latitudes of 53° and 54° Liverpool and Whitehaven Durham, Newcastle, and North Shields Glasgow and Dunino	61.89 61.88 61.19 60.99 59.48 60.28 57.48	00°0 35°3 89°5 34°9 81°7 43°3	3 19°0 7 16°3 1 19°3 1 18°1 9 18°3 3 11°4 0 14°2	39°1 34°8 37°7 37°4 37°4 25°8	54°0 5 49°1 5 55°1 5 54°9 5 54°6 5 38°4 5 43°2 5	58°2 58 58°1 58 57°4 54 57°2 54 55°7 52 57°5 58 55°1 58	5 6 5 6 4 7 4 6 2 9 5 5 5 3 2	4°7 5°3 5°7 5°8 5°7 5°6 6°3 5°9 3°8	39 35 1 36 1 39 42 1 43 1 41 1	in. 9.5 1.9 0.9 9.9 0.7 0.1 9.8 7.0 8.4	gr. 4°8 5°1 5°1 5°0 4°9 4°7 5°1 4°7 4°2	1.3 1.2 1.2 1.2 1.2 0.9 0.7	0°795 0°815 0°811 0°811 0°813 0°811 0°864 0°876 0°754	in. 6°0 6°3 6°3 6°1 6°1 5°7 6°2 5°8 5°2	gr. 525 525 524 522 524 525 525 525 525	feet. 116 63 72 232 118 162 64 199 186

In the formation of this Table the results from Jersey and Guernsey have not been combined, on account of the difference between the ranges of temperature of the two places.

The results from the two stations Newport and Ryde being in accordance with each other, and with those places in their latitudes, are combined. The results from Ventnor are not combined, on account of the much higher temperature, and less range of temperature than those at the other stations in the Isle of Wight.

MONTHLY METEOROLOGICAL TABLE FOR THE QUARTER ENDING SEPTEMBER 30th, 1852. The Observations have been reduced to Mean values, and the Hygrometrical results have been deduced — from Glaisher's Tables.

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Issim	ntA eloily aself to the state of the state o	
	Mean Degree of Humidity.	8.88.89.99.99.99.99.99.99.99.99.99.99.99
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lo oidu	Mean Weight Aspour in a color of Air.	$\frac{p}{p}$ เขางานการ หาว เกษา $\frac{1}{p}$ เขางาน หาว เขา
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ìo	Mean Amount Cloud.	Mark
Wind.	.Direction.	N. W.
	Estimated Strength.	1119914111110009991111 1199000 1111 1000 000 000 000 000 000 00
re of	Dew Point.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Mean Tem- perature of	Evaporation.	0 26.5
	Mean Daily Range.	• \$65730008877977711100000000000000000000000000
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r.	Mean of all the Highest.	0
erature of the Air.	Range in the Month.	o
ure of	Lowest.	$\begin{array}{c} {}_{0} 12.24 p.24 p.24 p.22 p.24 p.24 p.24 p.24 $
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Temp	Adopted.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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	From Dry mometer.	666 666 666 666 666 666 666 666 666 66
eter	Range of Barom Readings in Month.	1. 28.0 1. 34.0 1.
	Water or Elas- tic Force of Vapour,	iii
Mean Pressure of	Air and Water, or Mean Read- ing of the Ba- rometer.	in. 29, 29, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28
Year 1852.	Months.	July Ang. Sept. July Ang.
	NAMES of STATIONS and OBSERVERS.	FERSEY, REV. S. KING, F.R.A.S., M.B.M.S. GUERNSEY, Da. Hoskins, F.R.S., M.B.M.S. HELSTON, M.P. Moyle, Esq. Lovell Squire, Esq. ELWADUTH, EDWARD VIVIAN, Esq. EXETER, Da. Martin. VENTINOR, ISLE OF WIGHT, Da. Martin. NEWPORT, J. C. Bloxam, Esq., M.B.M.S. W. G. Barker, Esq., F.R.C.S., M.B.M.S. CHICHESTER, W. G. Barker, W. G. Barker, Southampton, J. Drew, Esq., F.R.C.S., M.B.M.S. CHICHESTER, W. G. Barker, J. Drew, Esq., Ph. D., M.B.M.S. GHARLES PRINCE, Esq., M.B.M.S.
	of Statio	JERSEY, Rev. S. King, F.R.A.S., GUERNSEY, Dr. Hoskins, F.R.S., M HELSTON, M. P. Movle, Esq. Lovell Squire, Esq. Lovell Squire, Esq. EXETER, Dr. C. Barham. TORQUAY, EDWARD VIVIAN, Esq. EXETER, Dr. Shapter, M.B.M.S. VENTNOR, ISLE OF WI Dr. Martin. NEWPORT, J. C. Bloxam, Esq., M.J. KYDE, Benjamin Barrew, Esq., M.B. M.S. CHICHESTER, WA. HILLS, Esq. SOUTHAMPTON, J. Drew, Esq., Ph. D., I UCKFIELD, CHARLES FRINCE, Esq., CHARLES FRINCE, Esq.,
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	Z	JERSEY, REV. S. KING, F.R.A GUERNSEY, Da. HOSKINS, F.R.S. HELSTON, M.P. MOYLE, ESQ. TALMOUTH, LOVELL SQUIRE, ESQ. Da. C. BABHAM. TORQUAY, EDWARD VIVIAN, ES EXETER, Da. SHAPTER, M.B. Da. MARTIN. NEWPORT, J. G. BLOXAM, ESQ., J. G. BLOXAM, ESQ., W. G. BABKEB, ES M.B.M.S. CHICHESTER, WM. HILLS, ESQ. J. DREW, ESQ., PH. J. UCKFIELD, UCKFIELD, UCKFIELD, UCKFIELD,
		JERSEY REV. S GUERNO DB. H HELSTO M. P. J LOVEL LOVEL LOVEL LOVEL DB. C. CRARI

nor for the other errors to which the instrument is liable, but they have been reduced to the reading, however, in September, is evidently erroneous, being too low by '2' and in September and of hights; in August on 8 days and 7 nights; and in September on 10 days and 6 nights. Worthing:—None of the instruments have been compared with standards; the readings of the barometer are not published, being fully 0.1 too low, and otherwise discordant. Chichester:—The fall of rain has been inadvertently omitted for the preceding six months; it is as follows: Jan. 4.2 in.; March 0.4 in.; April 0.6 in.; May 2.1 in.; and June 5.0 in. Uckfield:—The several readings of the barometer have been reduced by 0.131 in.

eubic foot of Air.	
o trpioW asoM	5520 5520
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or Mean Read- ing of the Ba- rometer.	in. 25
Months.	Augy Sept. Sept. S
NAMES of STATIONS and Observers.	ROYAL OBSERVATORY, THE ASTRONOMER ROYAL. ST. JOHN'S WOOD, GEORGE LEACH, ESC., M.B.M.S. ENFIELD, REV. J.M. HEATH, A.M., M.B.M.S. ROSE HILL (near Oxford), REV. JOHNSON, ESC., M.B.M.S. A.B.M.S. RADCLIFFE OBSERVATORY, OXFORL, O.J. GRACE, ESC., M.B.M.S., Pupil of REV. J.B. READE, F.R.S., M.B.M.S. HARTWELL HOUSE, M.J. JOHNSON, ESC., M.B.M.S. HARTWELL RECTORY, REV. J. B. READE, F. R.S., M.B.M.S. HARTWELL RECTORY, REV. J. B. READE, F. R.S., M.B.M.S. HARTWELL RECTORY, M.B. M.S. AYLESBURY, THOMAS DELL, 'ESC., F.R.A.S., M.B. M.S. JOHN OSBORN, ESC., Jun., M.B.M.S. CARDINGTON (near Bedford), M.B. MACLAREN, ASSIST, to S.C. WHITBREAD, ESC., F.R.A.S., Pres. B.M.S. BEDFORD, D.B. BARKER, M.B.M.S. JOHN DAVIS, ESC., M.B.M.S. HOLKHAM, S. SHELLABEAR, ESC., M.B.M.S. B. SHELLABEAR, ESC., M.B.M.S. S. SHELLABEAR, ESC., M.B.M.S.
	Mean of Aliton Mean of Days Mean of Aliton Mean weight Mean of Aliton Mean weight Mean addition Mean Meight required Mean Meight required Mean Meight required Mean Meight required Mean Mean addition Mean Mean addition Mean Mean Begree Mean Mean Begree Mean Mean Begree Mean Begree Mean Mean Begree Mean Mean Begree

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tical	Mean whole Amo of Water in a ver column of Atmosp	######################################
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oidi • əidi	Mean Weight As cu Yapour in a cu foot of Air.	
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	Estimated Strength.	1111 1211 11
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	Mean of all the Lowest.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Mean Pr	Air and Water, or Mean Head- or Mean Read- ing of the Ba- ingeter.	11. 29.046 29.0466 29.0466 29.0466 29.0466 29.0466 20.0666 20.0466
Year 1852.	.adtnold	Jaly Angly A
	NAMES of STATIONS and OBSERVERS.	HIGHFIELD HOUSE, Nottingham, M.B.M.S. HAWARDEN, DR. MOFFAT, F.R.A.S., M.B.M.S. GAINSBOROUGH, T. DYSON, ESQ., M.B.M.S. LIVERPOOL OBSERVATORY, JOHN HARTNUP, ESQ., F.R.A.S. MANCHESTER, GEORGE V.VERNON, ESQ., M.B.M.S. LIEEDS, WAKKEFIELD PRISON, W. R. MILNER, ESQ., JOHN FORD, ESQ. STONYHURST, HENRY DENNY, ESQ. JOHN FORD, ESQ. JOHN FORD, ESQ. WHITEHAVEN, JOHN ELLIS, ESQ., M.B.M.S. DURHAM, W.B.M.S. BOURHAM, WIB.M.S. GLASGOW, R. B. THOMSON, M.D., F.R.S.E., M.B.M.S. DUNINO, DUNINO,

North Shields.—Observations were not taken on August 22d, 23d, 24th, and 25th. The reading of the barometer on those days were much above the average reading for the month, and consequently the above reading, which should have been about 29'700. Note.—Second rain gauges are placed at Jersey at the height of 6 feet; the amount collected was 9.5 inches. At Oxford, 22 feet; the amount was 9.9 inches. At Holkham 4 feet; the amount was 8.9 inches. At Highfield House, 25 feet; the amount was 11.3 inches. And at Whitehaven 78 feet; the amount was 8.3 inches.

REGISTRARS' NOTES.

In compliance with the following instruction, remarks have in many instances been appended by the Registrars to their Returns; from which the following Notes have been selected. The Registrars alone must be considered responsible for the opinions which they express.

INSTRUCTION TO REGISTRARS:-

"If at any time the Deaths or Births registered during the quarter have been above or below the average, state whether Epidemics, such as Measles, Typhus, Cholera, &c. have prevailed in the Sub-district,—or if there is any other fact in the character of the weather, sanatory arrange. ments, movement of the population, &c., which will account for the circumstance."

The figures refer to the number of the District and Sub-District. The name of the District is in SMALL CAPITALS, that of the Sub-district in italics.

II. SOUTH-EASTERN DIVISION. 1. SURREY.

39; 1. Guildford; Woking.—Births 35; Deaths 30. Deaths considerably above the average, chiefly arising from the prevalence of fever and hooping-cough. There has not been such an unhealthy quarter during the last six years. Some parts of the district are much affected by wet

weather in the summer months.

40; 2. FARNHAM; Farnham.—Births 74; Deaths 37. The town has been visited by small-pox, and 2 children who had not been vaccinated died of it, their respective ages being 2 years. Diarrhæa has been and is now prevalent in my district, and several have fallen victims to it, especially young

children, but still the deaths for the quarter are about the average.

2. Kent.

51; 1. Gravesend; Gravesend.—Births 169; Deaths 119. The increase of deaths arises principally from the influx of persons from London, who come in a late stage of disease; more than 20 of these are registered. The return includes 17 cases of diarrhea, 16 of variola, 3 of scarlatina, one of English cholera.

54; 2. Medway; Gillingham.—Births 247; Deaths 135. Diarrhoea with a tendency to dysentery,

and typhus have prevailed in the sub-district.

57; 3. Tunbridge; Brenchley.—Births 40; Deaths 24. The deaths somewhat exceed the average, owing to the extreme humidity and unhealthy state of earth and atmosphere. Much diarrhea (sometimes choleraic), fever, &c. have prevailed.

The deaths are about the average.

58; 4. MAIDSTONE; West.—Births 101; Deaths 65. The dear Diarrhea has been prevalent; 17 deaths from it have been registered.

58. 5. Maidstone; East.—Births 73; Deaths 51. Diarrhoea has been prevalent, and has been fatal in 10 cases; 2 deaths have also occurred from infantile cholera.

69; 2. Sheppey; Eastchurch.—Births 9; Deaths 10. The deaths are above the average, occasioned by diarrhea amongst young children. Diarrhea and bilious fever have been and still continue more prevalent than I can remember during my residence here, which is above 30 years, although they have not been fatal except to children.

73; 1. ELHAM; Folkstone.—Births 97; Deaths 60. The deaths have exceeded the average. During August and September fever and diarrhea were very prevalent; 10 deaths from the former

disease, and 7 from the latter, having occurred.

3. Sussex.

85; 2. Brighton; St. Peter.—Births 319; Deaths 221. Diarrhea has prevailed to a considerable extent; but has been almost exclusively fatal to infants under the age of one year.

4. Hampshire.

96; 1. PORTSEA ISLAND; Kingston.—Births 169; Deaths 164. The deaths show an increase of 55 on those of the corresponding quarter of last year. The increase is principally owing to diarrhœa and dysentery, of which there are 29 fatal cases, being 17 more than were registered from these causes in the corresponding quarter of 1851. The first certified cases occurred about the middle of August, immediately following the change in the weather from hot and dry to wet. Scarlatina and hooping-cough have been prevalent also, 11 persons having died from the former, and 7 from the latter. The workhouse containing nearly 900, chiefly imbecile and impotent inmates, has been very healthy.

96; 4. Portsea Island; Landport.—Births 255; Deaths 175. The deaths have been over the average. The oppressively hot weather experienced in the month of July would seem to have exercised an unfavourable influence on the public health. The mortality continued high during the month of August, reaching its maximum in the second week, when 17 deaths, being 5 above the average, were registered. It has since gradually declined, and is now about its usual amount.

108; I. STOCKBRIDGE; Broughton.—Births 34; Deaths 30. The deaths have been above the average in consequence of typhoid fever having raged with great violence in my district, 8 cases of which proved fatal. About 50 cases have occurred in East Tytherly, and the disease is gradually extending to the neighbouring villages. The mortality would have been very great had not the proprietor (Mr. Cooke) provided 2 infirmary nurses to give nourishment and medicines, which were also furnished at his own expense. The disease was of the lowest type, extreme prostration, petechiæ, aphtha, and profuse diarrhœa showing themselves very early. The non-removal of nuisances and the crowded state of the cottages tend to produce and propagate the disorder. It is to be lamented that there is not an independent inspector of nuisances, who cared not about giving offence by insisting on their removal. It is very desirable to find some remedy for the over-crowding of cottages; it is very common to find 5, 6, 7, and 8 individuals (some adults) of both sexes sleeping in the same apartments. Of what use are other measures for improving the condition of the poor as long as they are surrounded by circumstances having the strongest tendency to make them vicious both morally and physically. I may mention that an undoubted case of cholera, asphyxia, came under my notice in the Stockbridge sub-district about 3 weeks ago, in the same house in which 2 cases of typhus occurred.

5. Berkshire.

121; 1. Hungerford; Kintbury.—Births 42; Deaths 21. Scarlatina malignant prevails.

III. SOUTH MIDLAND DIVISION. 7. HERTFORDSHIRE.

138; 3. Ware; Ware.—Births 47; Deaths 11. Although the extent of sickness in the district has been above the average, owing to the prevalence of diarrhœa and English cholera (quite epidemic), produced by the variableness and dampness of the season, yet these diseases being of a mild type, the fatality among the cases has not been great.

10. NORTHAMPTONSHIRE.

172; 1. Kettering: Kettering.—Births 82; Deaths 42. Deaths about the average, although small-pox has been very prevalent, as well as fever (typhus and scarlet), which however are on the decline; 4 cases of small-pox proved fatal, one to a youth of 10 years, who had been vaccinated.

12. Bedfordshire.

181; 3. Ampthill; Cranfield.—Births 30; Deaths 18. 2 cases of English cholera.

13. CAMBRIDGESHIRE.

188; 3. Linton; Balsham.—Births 22; Deaths 14. The prevailing disease is diarrhea.
190; 1. Ely; Haddenham.—Births 35; Deaths 17. The deaths are few; at the same time there has been a great deal of sickness, especially bowel complaint, among young children, several having died from that cause.

190; 2. ELY; Sutton.—Births 37; Deaths 26.—Typhus and intermittent fever have been very prevalent during the past quarter. The sanatory condition of the parish of Witchford appears worse

than that of any other in the district.

191; 1. NORTH WITCHFORD; Chatteris.—Births 74; Deaths 45. The deaths are more than in any of the 3 previous quarters. Diarrhea prevailed amongst children in the last part of the quarter.

IV. EASTERN DIVISION.—14. Essex.

198; 2. Orsett.—Births 53; Deaths 44. Diarrhea has been prevalent and severe. 201; 1. ROCHFORD; Rayleigh.—Births 27; Deaths 30. Cholera simplex and low fever have

prevailed. 202; 4. Maldon; St. Peter.—Births 27; Deaths 42. Diarrhea has been very fatal.

202; 5. MALDON; Tollesbury.—Births 22; Deaths 13. Diarrhea has been very prevalent.

15. SUFFOLK.

226; 1. Wangford; Bungay.—Births 46; Deaths 34. Diarrhea has been rather prevalent. 227; 2. MUTFORD; Lowestoft.—Births 82; Deaths 58. Diarrhæa has been prevalent and fatal.

16. NORFOLK.

228; 1. GREAT YARMOUTH; Southern.—Births 83; Deaths 99. The deaths are above the average; 13 were from small-pox; 28 from diarrhea, and 5 from typhus. The temperature during the quarter has been very variable, and an unusual quantity of rain has fallen. The deaths occurred during the rainy periods.

228; 2. GREAT YARMOUTH; Northern.—Births 113; Deaths 117. Deaths from fever 5,

typhus 3, diarrhea 27, small-pox 14. All the cases of small-pox were without vaccination.
233; 1. St. Faith's; St. Faith's.—Births 45; Deaths 20. The deaths are about the average. There have been many cases of diarrhea, but none fatal. A child aged 9 months died from English cholera.

234; 5. NORWICH; West Wymer.—Births 107; Deaths 97. Diarrhœa has prevailed to a con-

siderable extent; no less than 22 deaths occurred from this cause.

237; 2. Blofield; South Walsham.—Births 52; Deaths 23. The deaths are rather below the average. The weather was excessively hot during July and August and the first week of September; since which it has been cooler and a great deal of rain has fallen. Typhus and diarrhea have prevailed extensively, but the character of the former has been mild, and but few deaths have ensued from that cause. The cases of diarrhœa have also been mild, and all that I have attended have ended favourably. No sanatory arrangements of any kind exist in this district in any of the villages. I wish they did, but I cannot prevail on the inhabitants to adopt them.

V. SOUTH-WESTERN DIVISION.—17. WILTSHIRE.

253; 2. CHIPPENHAM; Corsham.—Births 60; Deaths 35. My district has been healthy, a very few spots excepted, where low fever prevailed, but which was not fatal. Aged people appear to have suffered during the latter part of the quarter; 13 deaths at ages ranging from 70 to 87 years (being more than one third of the whole) have been registered.

257; 1. Melksham; Melksham.—Births 44; Deaths 29. Three deaths were caused by coup

de soleil; 2 of these were sudden and one terminated fatally in 18 days.

262; 2. Amesbury; Amesbury.—Births 28; Deaths 23. The deaths are for the summer quarter considerably more than the average.

18. Dorsetshire.

270; 2. Blandford.—Births 66; Deaths 37. The deaths are rather above the average. Many children and very old people were carried off by inflammatory diseases, &c. brought on by the inclement state of the weather. Typhus has also been rather prevalent in the town, but as yet only 3 deaths have been caused by it. The very defective state of the drainage and other sanatory arrangements in the town is very generally complained of, but no steps appear to be taken by the proper authorities to remedy it in any measure.

19. DEVONSHIRE.

279; 1. AXMINSTER; Lyme.—Births 32; Deaths 20. The sub-district has been (with the exception of Charmouth) remarkably healthy. The deaths have been almost wholly amongst old persons and young children. Lyme stands on a declivity, and the late rains descended with so much force as thoroughly to cleanse the sewers and drains, and carry away the filth which often accumulates on the banks of a small river that runs at the base of the town. In the parish of Charmouth malignant scarlatina has proved fatal in the family of a mechanic (consisting of himself, wife, and 10 children). Within 3 weeks 7 of the children died, and to-day I have notice of another death in the same family. The medical attendant informs me the children were all predisposed to malignant disease, having but little stamina, and being ill fed and not properly attended to in the first instance. I cannot trace the disease to malaria or any atmospheric agency, as the disease is confined to the above family, and has not spread at all.
281; 2. St. Thomas; Exmouth.—Births 55; Deaths 37. Deaths slightly above the average.

7 deaths occurred from small-pox, 6 of persons not vaccinated, and one of an adult doubtful whether vaccinated. The good effects of the Vaccination Act, which has been freely carried out, are shown in this district, with a population of 7000 and so few deaths from small-pox. Still a considerable number from prejudice resist the boon offered them, not only sacrificing their own offspring, but also

endangering the families of their more intelligent neighbours.

282; 2. EXETER; St. David.—Births 92; Deaths 81. The deaths exceed the average of 4 preceding September quarters; 14 were from diarrhœa, 6 from small-pox. All the cases of small-

pox were without vaccination.

283; 3. NEWTON ABBOT; Moretonhampstead.—Births 17; Deaths 10. The above return, both in births and deaths, is considerably below that of the corresponding quarter of last year. I account for the decrease by the gradual depression of the agricultural districts and consequent emigration.

287; 2. PLYMOUTH; St. Andrew.—Births 268; Deaths 190. The mortality is about the average. There have been 10 deaths from small-pox, which occurred in July and August, 17 from diarrhea,

and 3 from infantile cholera.

289; 3. STOKE DAMEREL; Morice.—Births 80; Deaths 44. The deaths registered during the 3 months respectively have been as under: in July 22, August 11, September 11. A case which occurred on the 3d of July requires notice; it is the fourth death registered within 13 months as having occurred in the same room amongst the children of 3 successive occupants. The last 3 deaths (14th and 25th April and 3d July) were from scarlatina. The house is built without any regard to ventilation, and is kept in a very filthy state; the court is particularly so. I have registered other deaths in the same house within the same time. A case that occurred on the 28th of September also calls for remark; it is the third death in the same family in less than 2 years. The first was from typhus and the last 2 from pneumonia. In order to make the rooms as large as possible the staircase is small and very steep, thus destroying the means of ventilation. These cases call loudly for the introduction of the Health of Towns Act.

289; 4. Stoke Damerel; Stoke.—Births 50; Deaths 35. Small-pox, measles, and scarlatina

have prevailed this quarter.

296; 2. Torrington; Winkleigh.—Births 14; Deaths 11. Scarlatina has prevailed in the parish

of Dowland, and 5 deaths resulted from it in the quarter.

297; 3. BIDEFORD; Parkham.—Births 15; Deaths 27. The deaths have been very much above the average. Scarlatina has been raging very much in this locality owing, in my opinion, to pigsties and dungpits being very near to the dwellings of the cottagers. A decrease of births may be accounted for by the great number of persons that have emigrated during the summer.

20. CORNWALL.

300; 2. Camelford.—Births 56; Deaths 30. The births are above the average as compared with the corresponding quarter of last year, for which the only reason I can assign is the

great demand for labourers at the mines and slate quarries.

There has been but one death at Polperro

Levrin—Births 33; Deaths 17. There has been but one death at Polperro 303; 4. LISKEARD; Lerrin.—Births 33; Deaths 17. There has been but one death at Polperro during the quarter, there being two limekilns burning. If a limekiln could be erected at Polruan I have no doubt but it would greatly conduce to the health of the inhabitants, as they could then easily obtain unslaked lime to whitewash their houses oftener.

306; 3. St. Austell; Mevagissey.—Births 32; Deaths 33. The deaths are above the average in

consequence of a malignant scarlatina among the children.

308; 2. FALMOUTH; Falmouth.—Births 78; Deaths 47. Diarrhœa and dysentery have been very prevalent during the latter part of the quarter. I have registered 20 deaths from those diseases. 310; 2. Redruth: Redruth.—Births 85; Deaths 38. The births are 5 below the corresponding

quarter in 1851, which may be accounted for by emigration.

311; 4. Penzance; Penzance.—Births 143; Deaths 122. The deaths are above the average owing principally to the prevalence of scarlatina, of which I have registered 23 fatal cases.

311; 5. Penzance; St. Just-in-Penwith.—Births 117; Deaths 66. The deaths are above the average owing chiefly to scarlatina, from which there have been 17 deaths.

311; 6. Penzance; St. Buryan.—Births 22; Deaths 19. The deaths are considerably above those of the corresponding quarters of the last 4 years. Scarlatina is and has been very prevalent.

21. Somersetshire.

315; 3. TAUNTON; St. Mary Magdalen.—Births 82; Deaths 52. Diarrhea has prevailed.
319; 3. Yeovil; Martock.—Births 54; Deaths 47. The deaths rather exceed the average, owing to scarlatina in the early part of the quarter. Most of the cases have taken place among the poor from consequent dropsy, arising almost in every instance from great neglect.

319; 4. YEOVIL; Yeovil.—Births 88; Deaths 44. The deaths are below the average. The poor

are more generally employed and better fed than at any time within my recollection.

323; 2. Wells; Glastonbury.—Births 86; Deaths 55. Scarlatina and typhus have been very prevalent, and consequently the mortality has been rather greater than usual.

326; 3. BATH; Abbey.—Births 93; Deaths 77. There were from scarlatina and measles 3 deaths,

dysentery and diarrhœa 10, hooping-cough 5, fever 3, coup de soleil one. 326; 6. Ватн; Lansdown.—Births 91; Deaths 69. Diarrhœa has been prevalent.

327; 4. КЕУNSHAM; Keynsham.—Births 36; Deaths 19. English cholera and diarrhœa very

prevalent; occasional cases of dysentery; much typhus.
328; 1. Bedminster,—Births 178; Deaths 110. Measles was fatal in 3 cases, scarlatina in 10, diarrhœa in 12, small-pox in one, and cholera in 4.

VI. WEST MIDLAND DIVISION.—22. GLOUCESTERSHIRE.

329; I. Bristol; St. Mary, Redcliff.—Births 119; Deaths 80. The deaths are rather above the average. There have been one from summer cholera (that of a female aged 84), 8 from diarrhea, all of children under 2 years of age, and 6 from small-pox, 4 of which were those of children under 2 years "never vaccinated."

329; 4. Bristol; St. James.—Births 84; Deaths 111. 7 cases of small-pox have been regis-

tered this quarter, 6 of which were in persons unprotected.

330; 3. CLIFTON; St. George.—Births 77; Deaths 65. The deaths show an increase. Diarrhœa attacked very young children, and 6 are registered from this cause. Fever of a typhoid character made its appearance in one locality in the last month, but has been fatal in one case only.

330; 4. CLIFTON; St. Philip and St. Jacob.—Births 238; Deaths 167. Diarrhea has been very

prevalent.

336; 2. GLOUCESTER; St. Nicholas.—Births 54; Deaths 59. The deaths are above the average. There are registered 11 cases of small-pox, 8 of scarlatina, and 9 of diarrhœa and cholera. The deaths are above the 336; 3. GLOUCESTER; St. John the Baptist.—Births 61; Deaths 49. The deaths are about the average. Scarlatina was fatal in 5 cases, and diarrhea in 10.

336; 4. GLOUCESTER; South Hamlet.—Births 87; Deaths 61. Deaths from diarrhea q, scar-

latina 6, fever 1, measles 1, typhus 1.

337; 2. Wheatenhurst; Haresfield.—Births 26; Deaths 17. Scarlatina has been very prevalent in my district; 10 deaths out of 17 were caused by it.

338; 4. Stroud; Stroud.—Births 73; Deaths 46. The prevailing diseases have been scarlatina,

measles, small-pox, synochus, and diarrhea. Small-pox was fatal in some few cases.

343; I. WINCHCOMB; Guyting.—Births 47; Deaths 40. Typhus and scarlatina have been prevalent, arising, it is supposed, partly from extraordinary inundations, and also from insufficient drainage and want of better sanatory arrangements generally.

24. Shropshire.

360; 2. Shrewsbury; St. Chad.—Births 55; Deaths 44. The sub-district has been visited

with diarrhea, but it has subsided, and the district is now in a state of good health.

363; 3. Wen; Whitchurch.—Births 35; Deaths 55. The deaths are considerably above the average. Typhus, scarlatina, and diarrhea have been more prevalent than usual. There have been 6 fatal cases of typhus; 6 of diarrhea, principally in children; 12 of scarlatina; one of fever; and one of cholera; the last case was that of a man aged 66, and the disease was fatal in 26 hours. The sanatory arrangements of the town upon the whole are good, and others are being carried into effect.

25. STAFFORDSHIRE.

369; 2. Newcastle-under-Lyme; Newcastle-under-Lyme.—Births 122; Deaths 122. The deaths are very much above the average owing to scarlatina, of which there have been 44 cases fatal, principally through parents not seeking help in time, and allowing the children to take cold when recovering.

370; 2. Wolstanton; Tunstall.—Births 209; Deaths 142. Deaths are much above the average.

Scarlatina has been very prevalent and fatal amongst young children.

370; 3. Wolstanton; Burslem.—Births 205; Deaths 160. The deaths are 44 above the average of five corresponding quarters. 36 were registered in July, 59 in August, and 63 in September. Scarlatina and diarrhœa have been very prevalent, particularly in Dale Hall, Longport, and Middleport, in which district 20 persons have died from scarlatina, 6 from diarrhæa, and 2 from typhus. The deaths from zymotic diseases were: scarlatina 41, diarrhœa 28, typhus 5, croup 2, and English cholera 1.

372; 2. Leek; Leek.—Births 92; Deaths 67. Deaths rather under the average. There have been 4 in one house in the country, 3 by scarlatina, and one by debility. There were 8 deaths from

diarrhœa.

374; 2. Uttoxeter; Abbots Bromley.—Births 16; Deaths 22. The increased number of deaths arises from the prevalence of scarlatina among children, which has been more than usually fatal.

376; 2. Tamworth; Fazeley.—Births 53; Deaths 35. Scarlatina has prevailed and has increased the number of deaths.

379; 6. Wolverhampton; Willenhall.—Births 205; Deaths 89. Diarrhœa has prevailed. 379; 7. Wolverhampton; Bilston.—Births 241; Deaths 185. There have been 35 fatal cases of diarrhea, principally among children.

380; I. WALSALL; Darlaston.—Births 105; Deaths 87. The deaths are above the average

Diarrhœa has been prevalent, and 16 deaths were registered from it.

381; 5. West Bromwich; Wednesbury.—Births 150; Deaths 114. There have been 84 deaths of children from diarrhœa, scarlatina, remittent fever, &c.

382; 2. Dudley; Tipton.—Births 290; Deaths 131. Diarrhoea has been rather prevalent, but mostly among children; the number of deaths from that cause being about 31, from fever 7.

382; 3. DUDLEY; Sedgley.—Births 310; Deaths 160. There were 23 deaths from diarrhœa. 382; 4. DUDLEY; Dudley.—Births 402; Deaths 184. Of the number registered 35 persons died from diarrhea.

26. Worcestershire.

385; I. TENBURY; Tenbury.—Births 28; Deaths 18. Deaths about the average. Many cases of typhus and 4 deaths from it.

387; I. WORCESTER; West.—Births 49; Deaths 45. Diarrhea and affections of the chest very

prevalent.

27. WARWICKSHIRE.

394; 1. BIRMINGHAM; Lady Wood.—Births 268; Deaths 136. Diarrhœa has been very prevalent amongst children, and, with dysentery, was fatal in 34 cases.

394; 6. Birmingham; St. Paul.—Births 89; Deaths 70. Diarrhea has been very prevalent,

and was fatal in 17 cases; cholera in one.

394; 8. BIRMINGHAM; St. George.—Births 363; Deaths 243. Diarrhea was fatal in 54 cases, fever in 11.

395; 4. Aston; Sutton Coldfield—Births 38; Deaths 34. The deaths are above the average. Disease of the respiratory organs, diarrhea and dysenteric diarrhea, being the prevailing causes.

397; I. ATHERSTONE; Atherstone.—Births 84; Deaths 66. There were 5 deaths from scar-

latina, 6 from diarrhœa, and one from hooping-cough.

398; 1. NUNEATON; Nuneaton.—Births 129; Deaths 101. The deaths considerably exceed the average, scarlatina having been very prevalent, and fatal in about 20 cases. In one family a father

and daughter died of it; and in another 2 children, a boy aged 14 years, and a girl.

400; 2. Coventry; Holy Trinity.—Births 178; Deaths 125. This return of deaths shows a considerable excess over the ordinary rate of mortality within my district, caused by the excessive prevalence of diarrhea amongst infants. 51 deaths are ascribed to diarrhea and dysentery, sometimes united with other causes; and, with the exception of a few aged persons, the whole are of children under 2 years of age. The complaint has not been confined to any particular locality or class. There is one case of English cholera, after 17 hours; that of a man 40 years of age, who had been discharged as a soldier, and come to reside here within a month of his death. Of the births 16 are illegitimate. Of the deaths II are those of illegitimate infants.

405; 2. Alcester; Alcester.—Births 47; Deaths 26. Deaths about the average; 2 from cholera.

VII. NORTH MIDLAND DIVISION.—28. Leicestershire.

411; 1. Blaby; Wigston.—Births 70; Deaths 43. More than the average number of deaths,

chiefly of children, from cholera, diarrhea, and scarlatina. 6 from cholera, 7 from diarrhea.

415; 2. Loughborough; Loughborough.—Births 134; Deaths 147. The mortality has been higher in Loughborough and the populous village of Sheepshed than in any previous quarter, and I am not aware of any fact or circumstance which will satisfactorily account for it, unless it may be attributed to some atmospheric influence. It is true there have been several cases of diarrhea, and a few of small-pox, but these will not account for the excess. Nearly one half of the deaths are those of children of one year and under, from convulsions, diarrhea, low vitality, &c., and it is possible that the prevalence of the north-east winds last quarter may have had an influence upon delicate constitutions.

29. RUTLANDSHIRE.

420; 3. Uppingham; Barrowden.—Births 36; Deaths 13. Small-pox has been prevalent but not malignant, and heat followed by rains caused autumnal diarrhea.

30. LINCOLNSHIRE.

424; 2. Holbeach; Long Sutton.—Births 71; Deaths 33. I observe an increase of deaths where no medical advice had been procured. This principally occurs among the poorer classes, and appears to be mainly owing to the utter inability of poor labouring men to pay for medical attendance, and the difficulty such persons have to obtain gratuitous advice unless the main stay of the family be unemployed.

424; 3. Holbeach,—Births 70; Deaths 28. Typhus and diarrhœa have been prevalent. There were 4 deaths from typhus and 2 from diarrhœa.

431; 4. LOUTH; Saltfleet.—Births 35; Deaths 32. A small excess of deaths which arises from a very general practice of giving quack cordials to children as soon as they are born. At least three fourths of the illegitimate children die in infancy.

432; I. CAISTOR; Great Grimsby.—Births 140; Deaths 100. Diarrhœa and low fever have

been epidemic. The deaths in consequence are rather above the average.

433; 3. GLANFORD BRIGG; Barton.—Births 95; Deaths 72. Diarrhea and dysentery have been extensively prevalent, and also fever attended with irritation of the bowels.

434; 3. GAINSBOROUGH; Misterton.—Births 29; Deaths 13. I registered the death of a female, the mother of 9 children, 40 years of age, from "fever," as certified by the medical attendant. From my having known her to be a strong, hardworking, healthy looking woman I was induced to make inquiry as to what could have produced the fever. I found within 18 inches of the dwelling-house door an untrapped sewer full of sludge or dirty water to the grate, and within 2 or 3 yards of the door there was a quantity of manure. I recommended the immediate removal of the nuisance. Shortly afterwards I heard the husband of the deceased woman was ill.

31. NOTTINGHAMSHIRE.

436; 2. Worksor; Carlton.—Births 25; Deaths 20. Scarlatina has been prevalent, of a very malignant kind, proving fatal to 3 persons; several others had it very severely. English cholera very prevalent, but in no case proving fatal.

437; 6. Mansfield; Blidworth.—Births 12; Deaths2. The health of the district has been greatly improved of late: (1) By the removal of most of the putrid pools from common sewers, manure heaps, &c. which were in the immediate neighbourhood of the poorer dwelling-houses. (2) By the woods and plantations with which it was surrounded being removed, and an improved cultivation of the land.

433; 3. Basford —Births 137; Deaths 88. 14 persons died of diarrhea, 5 of dysen-

tery, and 2 of English cholera.

438; 4. Basford; Bulwell.—Births 84; Deaths 88. There has been unusual mortality among children, occasioned chiefly by small-pox; 38 deaths have occurred from it during this quarter, 27 of which were among persons not vaccinated. Typhus has also been prevalent in another part of the district, and 11 cases were fatal. These were all among young persons, except the first, who was 37 years of age. So many deaths from all causes have never been registered in this district since the Registration Act came into operation, being about double the average number. Sanatory measures,

which it is hoped will be effectual, are being adopted.

438; 6. Basford; Carlton.—Births 35; Deaths 49. The deaths are double the average, English cholera having prevailed in Carlton. There were 37 deaths in Carlton alone within the last quarter. 19 cases of English cholera, 3 of dysentery, one of diarrhæa ending in low typhus in Colwick. The

remaining part of my district has been remarkably healthy.

440; 3. Nottingham; St. Ann.—Births 106; Deaths 125. Deaths from diarrhea and bowel complaint 35, typhus 4, scarlatina 3, dysentery 2, English cholera one, small-pox (without vaccina-The deaths exceed those of the corresponding quarter of last year by 27. It is remarkable that out of the 125 now returned 59 are those of infants under 2 years, and 36 are those of persons above the age of 60. The sanatory committee use great exertions to keep the town in a healthy state by a vigilant inspection of the lodging houses, and having the streets and sewers, particularly in the more densely populated parts of the town, kept in a proper state of cleanliness and order. A weekly return is made by each registrar of the borough to the sanatory inspector, of the deaths occurring in his district, so that in case any mortality should arise which the sanatory committee might be able to check, prompt measures would be taken for that purpose.

440; 4. Nottingham; Byron.—Births 112; Deaths 99. 21 cases of diarrhea and English

cholera.

32. DERBYSHIRE.

445; I. DERBY; St. Alkmund.—Births 137; Deaths 118. The deaths are above the average. Diarrhœa, typhus, and other fevers have prevailed, and, in my opinion, may be attributed to local

445; 2. DERBY; St. Peter.—Births 280; Deaths 202. There have been 13 deaths from smallpox; viz., 8 without vaccination, 5 after vaccination, and one doubtful. This report includes 31

fatal cases of diarrhoea and 2 of English cholera.

448; 2. CHESTERFIELD; Chesterfield.—Births 183; Deaths 115. The deaths are 26 above the average of the corresponding quarters of 1849, 1850, and 1851. The increase of deaths may be attributed to the prevalence of diarrhea and dysentery. Diarrhea (certified) 10 cases, violent purging (no medical attendant) 3, dysentery (certified) 11, hooping-cough 2, small-pox (not previously vaccinated) one, typhus 2.

VIII. NORTH-WESTERN DIVISION.—33. CHESHIRE.

452; 2. Stockport; Hyde.—Births 166; Deaths 118. Diarrhoea has been very prevalent.

452; 3. STOCKPORT; Heaton Norris.—Births 165; Deaths 133. The mortality is much above the average, diarrhoea being the prevailing epidemic, and 43 persons having died from this cause, being the greatest number by diarrhœa registered in the district in September quarters.

452; 4. STOCKPORT; Stockport (First).—Births 283; Deaths 237. The deaths are above the average; the increase is principally amongst young children from diarrhoea. 74 persons died of it.

452; 5. STOCKPORT; Stockport (Second).—Births 126; Deaths 115. The deaths are considerably above the average, owing to the prevalence of diarrhœa; 35 were registered from that disease.

452; 6. STOCKPORT; Cheadle.—Births 39; Deaths 30. Deaths above the average. Diarrhea has been very prevalent, but only fatal in 2 cases.

452; 7. STOCKPORT; Hazelgrove.—Births 39; Deaths 22. Six persons died of diarrhea.

disease has been very prevalent throughout the district, but is now abating.

- 453; I. MACCLESFIELD; Prestbury.—Births 34; Deaths 25. The deaths are about the average. Typhus and scarlatina have been prevalent, as well as diarrhea; but the cases being promptly attended by medical men only 2 deaths from typhus, one from scarlatina, and one from diarrhœa
- 453; 5. MACCLESFIELD; West.—Births 135; Deaths 139. The deaths are above the average. Scarlatina and diarrhea have been prevalent; the latter chiefly among young children. A few deaths occurred from typhus in low and confined situations.
- 454; 2. ALTRINCHAM; Altrincham.—Births 130; Deaths 101. The deaths are far above the
- average owing to diarrhea being prevalent. 25 deaths from that disease and 3 from dysentery. 455; 3. Runcorn.—Births 110; Deaths 78. Diarrhea has prevailed during the last 2 months, confined principally to young children. There were 23 deaths from this complaint.

458; 2. NANTWICH; Nantwich.—Births 79; Deaths 69. Fever and diarrhoa prevailed during the last quarter so as to raise the deaths above the average. In 1849, after the cholera had subsided, the provisions of the Public Health Act were adopted, but up to this time nothing has been done to improve the sewerage. There is hope however that water will be obtained by next summer. 459; 2. Great Boughton; Chester Castle.—Births 152; Deaths 109. Diarrhea was fatal in 8,

and English cholera in 4 cases.

34. LANCASHIRE.

461; 1. LIVERPOOL; St. Martin.—Births 454; Deaths 672. The deaths far exceed the average, the mortality having been very great amongst children. The number who died under one year was 235; above one and under 5 years 245. Diarrhea has been the prevailing disease.

461; 2. LIVERPOOL; Howard Street.—Births 300; Deaths 336. Deaths above the average; 20 more than in the corresponding quarter of last year. Scarlatina and diarrhea prevailed.

461; 3. LIVERPOOL; Dale Street.—Births 236; Deaths 290. The district appears to be in a

very healthy state. The deaths have been principally amongst children from diarrhea.

461; 4. LIVERPOOL; St. George.—Births 124; Deaths 116. The high temperature of the summer months is supposed to have had very fatal effects upon the infantile portion of the population.

461; 5. LIVERPOOL; St. Thomas.—Births 300; Deaths 220. The district has been generally healthy; no particular disorder having been prevalent, except diarrhea, which has been fatal in 32 cases.

461; 6. Liverpool; Mount Pleasant.—Births 390; Deaths 453. Diarrhea very fatal.
461; 7. Liverpool; Islington.—Births 382; Deaths 346. There is a great increase of deaths which arises from diarrhea. I registered this quarter 75 against 46 in the corresponding quarter of 1851; also 3 deaths from cholera. Scarlatina was fatal in 19 cases, measles in 18, typhus in 8.

462; T. West Derby; Toxteth Park.—Births 576; Deaths 477. From measles there were 19 deaths, hooping-cough 10, scarlatina 20, typhus 17, diarrhea 100, dysentery 11, English

cholera 4.

462; 2. West Derby; Everton.—Births 289; Deaths 297. Diarrhea was fatal in 33 cases,

dysentery in 24.

- 462; 6. West Derby: West Derby.—Births 303; Deaths 223. The increased mortality has been amongst children from diarrhea. There have also been 14 deaths from scarlatina, 6 from typhus, and 2 from small-pox (both of which took place in one family within two days of each other after vaccination).
- 463; 5. Prescot; Prescot.—Births 132; Deaths 121. Scarlatina prevalent and fatal in 46 cases. 463; 6. Prescot; St. Helen.—Births 263; Deaths 162. The deaths are 48 above the average of the corresponding quarters of the last two years. From diarrhea 35, cholera 11, typhus 7, scarlatina 6.

464; 5. Ormskirk; North Meols.—Births 77; Deaths 48. Diarrhœa very prevalent. 465; 3. Wigan.—Births 379; Deaths 293. Fatal cases of epidemics are as under: cholera 2, diarrhœa 74, dysentery 3, scarlatina 2, small-pox (without vaccination) 3, croup 3, typhus 12. The town is far from being healthy; typhus, diarrhea, and dysentery prevail very much. The firstnamed epidemic appears to be on the increase; there are also many isolated cases of small-pox. Boils and carbuncles are very prevalent amongst children and adults. The atmosphere has been and is very changeable, and on the whole it has been an exceedingly unhealthy quarter. The town is very much in want of water both as to quantity and quality, and it is a subject which has for some time past occupied the attention of the town council as to the best source to be made available for its inhabitants. The settlement of this question is very anxiously looked for, and will much facilitate the street sewerage and the removal of many nuisances. No material reduction in the rate of mortality can be expected until an abundant supply of good water is obtained.

465; 4. WIGAN; Hindley.—Births 115; Deaths 77. 20 persons died from diarrhea.
465; 7. WIGAN; Ashton in Macherfield.—Births 45; Deaths 37. 29 lives were destroyed by scarlatina in the preceding quarter, 17 in the last.

467; 2. Leigh; Culcheth.—Births 98; Deaths 82. Scarlatina has prevailed.
468; 1. Bolton; Farnworth.—Births 88; Deaths 83. Typhus and scarlatina have been the principal causes of death, the latter in a very malignant form, often proving fatal in 30 hours.

468; 2. Bolton; Hulton.—Births 48; Deaths 43. The deaths are about 13 above the average,

owing to scarlatina, from which 14 have been registered, and 2 from cholera.

468; 4. Bolton; Halliwell.—Births 42; Deaths 37. 20 deaths were from scarlatina.
468; 6. Bolton; Tonge-with-Haulgh.—Births 62; Deaths 57. Deaths are about 26 above the average. The excess is mainly attributable to the prevalence of scarlatina, &c. amongst children.

468; 10. Bolton; Little Bolton.—Births 249; Deaths 189. The births are considerably above the average of previous corresponding quarters, which is doubtless mainly attributable to the steadiness of trade and permanent employment of the working classes. The deaths are also above the average. Scarlatina and diarrhoea have continued to rage fearfully during the past quarter. The fatal cases of the former are 28, and of the latter 23. There have also been several cases of typhus.

468; 11. Bolton; East.—Births 255; Deaths 235. The deaths exceed the number registered in any quarter since that of September 1847, when malignant typhus was the prevailing epidemic. I

attribute the increase to scarlatina, diarrhoa, and typhus.
468; 12. Bolton; West.—Births 240; Deaths 180. The deaths are rather above the average of corresponding quarters, probably owing to the prevalence of diarrhea.

468; 13. Bolton; Lever.—Births 62; Deaths 68. Deaths are about 30 above the average. From scarlatina 18, cholera 4. Scarlatina has been very prevalent in Darcy Lever and Little Lever.

469; 8. Bury; Elton.—Births 81; Deaths 61. Deaths above the average on account of diarrhea. 470; 1. BARTON-UPON-IRWELL; Worsley.—Births 102; Deaths 52. This district is free from

infectious disease, with the exception of some diarrhea. An adult died of cholera.

470; 3. BARTON-UPON-IRWELL; Stretford.—Births 60; Deaths 55. The deaths are very much above the average, owing to diarrhea and dysentery, principally amongst young children.

471; 3. Chorlton-upon-Medlock.—Births 317; Deaths 264. The mortality is above the average. The principal causes of death have been diarrhoea and dysentery.

471; 4. CHORLTON; Hulme.—Births 625; Deaths 502. From the commencement of the last quarter to its close there has been much sickness in this district, produced no doubt by the excessive heat, along with the surcharged state of the atmosphere with electric fluid; but it is gratifying to observe, that within the last 10 or 12 days the general health of the neighbourhood has assumed a much better tone. 217 deaths have been caused by diseases of the alimentary structure, and from the medical certificates and other observations they may be thus classed; from dirrrhæa 163, dysentery 33, enteritis 9, ileus one, cholera 7, and other bowel complaints 4. Of this number 180 occurred under 3 years of age, and 37 beyond it. It is lamentable to remark that 59 persons have died without proper medical attendance, and I have no doubt a great many other cases which have been certified by medical men have only been seen by them when beyond the reach of remedial means, and then only for the sole purpose of obtaining certificates of the cause of death in order to be produced to the burial societies. The deaths in July were 158, August 202, September 142.

472; 1. Salford; Pendleton.—Births 144; Deaths 114. Diarrhœa very prevalent.
472; 3. Salford; Greengate.—Births 395; Deaths 382. The deaths are 50 per cent. above the average, owing to the prevalence of diarrhea, principally among children. Gastro enteritis has also been prevalent, and has been fatal in 6 cases, and 2 deaths have occurred from phlegmonous erysipelas, one of which was caused by a prick in the finger by a thistle; the deceased was a member of the

472; 4. Salford; Regent Road.—Births 294; Deaths 252. Deaths much above the average, arising from the prevalence of diarrhea, English cholera, and dysentery, which caused 105 deaths.

473; I. Manchester; Ancoats.—Births 597; Deaths 547. In July were registered 185 deaths, in August 203, and in September 141 (exclusive of inquests). Diarrhea has been prevalent; 184 of the deaths are attributed to it. Early in September it abruptly ceased, simultaneously with the nights becoming frosty and the diminution of the temperature. It has been almost exclusively confined to the children of the powert class. Out of the total deaths registered 242 occurred under fined to the children of the poorest class. Out of the total deaths registered, 343 occurred under 2 years of age. Amongst the inquests will be found the deaths of 4 men, who were working in the same pile of buildings, and were killed by the effects of lightning, during the thunder storm that visited Manchester on the morning of the 10th of August.

473; 3. Manchester; London Road.—Births 315; Deaths 350. The deaths exceed those of the corresponding quarters. During the months of July and August, when the temperature was

unusually high, diarrhœa and dysentery prevailed.
473; 4. Manchester; Market Street.—Births 287; Deaths 454. There have been from fever 10 deaths, measles 8, and from diarrhœa 58, chiefly of children.

473; 5. Manchester; St. George.—Births 446; Deaths 412. The deaths are considerably

above the average owing to diarrhea, this disease having proved fatal in 143 cases.

473; 7. MANCHESTER; Cheetham.—Births 151; Deaths 69. Diarrhœa and dysentery have been very prevalent; from the former there were 17 deaths, from the latter 6. I am sorry to make the same remark that I have on previous occasions respecting the neglect of parents in not calling in medical aid at the commencement of the attack. If early attention had been directed to these cases (diarrhea and dysentery) the mortality would not have been so great.

474; I. ASHTON-UNDER-LYNE; Knott Lanes.—Births 68; Deaths 44. Deaths are rather above the average of corresponding quarters. We have many cases of slow fever, 2 only of which proved fatal. The cause of fever appears to be the sudden and severe change of temperature from a mild to

a very cold state, the wind having blown for some time from north and north-east.

474; 2. ASHTON-UNDER-LYNE; Ashton.—Births 278; Deaths 310. Deaths much above the average. Scarlatina was fatal in 19 cases, diarrhea in 60, dysentery in 19. A case of Asiatic cholera occurred in Crab Street, at 2 years of age. I may remark, that three fourths of the deaths by diarrhœa and dysentery are in streets, &c. where there is little or no sewerage.

There are 140 more 474; 6. Ashton-under-Lyne; Dukinfield.—Births 279; Deaths 302.

deaths than in the corresponding quarter of last year. Scarlatina and dysentery were very fatal. 475; 2. OLDHAM; Oldham above Town.—Births 234; Deaths 193. The deaths are considerably more than the average of former corresponding quarters, owing to the prevalence of diarrhea.

475; 5. OLDHAM; Royton.—Births 85; Deaths 38. Scarlatina and diarrhœa prevalent.

476; 4. ROCHDALE; Castleton within.—Births 85; Deaths 72. Deaths above the average. Diarrhœa is very prevalent, and 15 occurred from this cause.

476; 7. ROCHDALE; Wardleworth.—Births 155; Deaths 114. The deaths are rather more than the average. There were 6 from scarlatina, 16 from diarrhoea, 4 from dysentery.
476; 8. ROCHDALE; Wuerdle.—Births 70; Deaths 60. The deaths for this quarter are rather

above the average, owing to scarlatina, 18 cases having been registered from that disease.

477; 5. HASLINGDEN; Accrington.—Births 96; Deaths 65. Deaths above the average. were 7 cases of scarlatina, 3 of cholera, 4 of diarrhea.

478; 1. Burnley; Burnley.—Births 351; Deaths 196. The prevailing diseases have been

scarlatina, fatal in 18 cases, typhus 6, cholera 2, small-pox 4.

479; 2. CLITHEROE; Slaidburn.—Births 14; Deaths 11. Febrile affections of a congestive character have been long prevalent in this district. I find this district particularly subject to diseases

of the heart and respiratory organs, generally terminating in some form of dropsy, or in phthisis.

479; 4. Clitheroe; Clitheroe.—Births 88; Deaths 53. Diarrhœa has prevailed.

480; 2. Blackburn; Harwood.—Births 54; Deaths 73. 31 persons died of scarlatina.

480; 4. Blackburn; Blackburn.—Births 511; Deaths 442. The deaths are above the average. The increase is attributable to diarrhea, scarlatina, and synochus.

480; 5. Blackburn; Oswaldtwisle.—Births 114; Deaths 66. Deaths are above the average,

owing to the prevalence of scarlatina.

480; 6. BLACKBURN; Darwin.—Births 225; Deaths 99. The deaths are above the average.

The increase is from small-pox, scarlatina, and English cholera.

481; 4. CHORLEY; Chorley.—Births 178; Deaths 88. The births in the last two quarters have been in excess of the average of former years, the population being steadily on the increase, in consequence of the erection of several new mills, power-loom sheds, &c. for the cotton manufacture.

482; 2. Preston; Preston.—Births 738; Deaths 638. The deaths 16 above the average. Bowel complaints have prevailed all through the quarter. Dysentery was fatal in 101 cases, diarrhœa 92, bowel complaint 33, cholera 5, small-pox 16, fever 28, scarlatina 15.

483; 3. Fylde; Poulton-le-Fylde.—Births 88; Deaths 54. The deaths 11 more than in the corresponding quarter of 1851. Much sickness has prevailed. Typhus and scarlatina prevalent.

484; 3. Garstang; Garstang.—Births 42; Deaths 42. 19 deaths were caused by scarlatina.
485; 2. Lancaster; Heaton.—Births 20; Deaths 35. Malignant scarlatina fatal.
485; 5. Lancaster; Wray.—Births 19; Deaths 18. Scarlatina has been fatal.
486; 3. Ulverstone; Ulverstone,—Births 72; Deaths 45. Small-pox, reported last quarter to be raging so virulently (15 fatal cases having been registered in that quarter), is now abating, 2 fatal cases only having been registered this quarter. This result may in a great measure be attributed to the steps taken by the Board of Guardians on the appearance of the disease, the Registrars being furnished with hand-bills for distribution, urging the poorer classes to avail themselves of gratuitous vaccination, and otherwise giving publicity thereto.

IX. YORK DIVISION.—35. WEST RIDING.

488; 2. Settle; Settle.—Births 48; Deaths 49. The deaths above the average. Scarlatina has prevailed, and 22 deaths from it have been registered.

492; 2. Knaresborough; Harrogate.—Births 72; Deaths 50. Diarrhea very prevalent.

494; 2. Keighley.—Births 236; Deaths 154. Deaths are 45 above the average of corresponding quarters; 22 are from scarlatina, 8 typhus, 16 diarrhœa and dysentery.

495; I. TODMORDEN; Hebden Bridge.—Births 91; Deaths 61. This district has been visited with much sickness during the quarter. The prevailing diseases have been continued fevers, English

cholera, diarrhœa, and dysentery.

495; 2. Todmorden.—Births 139; Deaths 82. The deaths are less by 9 than in the corresponding quarter last year. There have been 14 deaths from diarrhœa; otherwise the health of the district has been very good, arising, no doubt, from the people being fully employed, as well as from the cheapness of provisions, and from the working classes taking advantage very largely of the facilities afforded them of visiting the watering places, which they do by going from each manufacturing establishment in relays by the railways.

496; I. SADDLEWORTH; Delph.—Births 80; Deaths 53. About one fourth of the fatal diseases have been from cholera and diarrhea.

497; 2. Huddersfield; Meltham.—Births 55; Deaths 42. The deaths have been above the average, chiefly owing to typhus and scarlatina in some parts of this district. We have also ex-

perienced sudden and extreme changes in the weather from heat to cold, and vice versâ.

497; 3. HUDDERSFIELD; Honley.—Births 71; Deaths 49. Sickness throughout this district has been very general during the last quarter. The number of deaths registered is above the average, but the epidemics which have been most prevalent, and which have been almost if not entirely confined to children, are scarlatina and diarrhœa; 11 persons died of the former, and 7 of the latter.

497; 9. HUDDERSFIELD; Huddersfield.—Births 313; Deaths 207. Deaths are about 40 above the

average; 22 were from diarrhea, 19 from fever, and 12 from small-pox. Diarrhea very prevalent. 498; 2. Halifax; Brighouse.—Births 67; Deaths 46. In Hartshead, part of the sub-district, the deaths are three times the average of the rest of the district. There is no crowding of dwellings. The late census return shows that the population there is decreasing. The rest of the district returns deaths below the average.

498; 3. Halifax; Southowram.—Births 65; Deaths 48. Diarrhea prevails in my district. 498; 4. Halifax; Halifax.—Births 320; Deaths 240. The births are 21 above the average of the corresponding quarters for the last 3 years, caused in part by the centralizing of trade in this district from some of the remoter parts of the Union, and the continuance of good employment and cheap provisions. Deaths are 16 above the average of the corresponding quarters for the last 3 years, caused by the following diseases:—diarrhœa 20, dysentery 14, small-pox 3, cholera 3.
499; 2. Bradford; Drighlington.—Births 68; Deaths 50. Diarrhœa has been prevalent.
499; 4. Bradford; Bowling.—Births 180; Deaths 118. The deaths are rather above the average

in consequence of the prevalence of diarrhœa.

499; 5. Bradford; Bradford, East-end.—Births 335; Deaths 270. The deaths have been heavy, and principally amongst the young. Diarrhea and dysentery proved fatal to 87 persons, small-pox

499; 6. Bradford, West-end.—Births 240; Deaths 204. Diarrhœa very prevalent. 499; 7. Bradford; Horton.—Births 384; Deaths 330. Deaths considerably above the average. From diarrhea 64, dysentery 50, cholera one, fever 19, small-pox 4. Diarrhea and dysentery commenced about the fifth and sixth week, and have continued ever since, varying from 9 to 15 cases per week, principally among children. One death from coup de soleil.

500; 7. Hunslet.—Births 220; Deaths 175. The deaths are considerably above the

average. Diarrhœa, dysentery, and typhus proved very fatal, especially in September. 501; 2. Leeds; North.—Births 409; Deaths 420. Deaths are much on the increase, as compared with those of the corresponding quarter of last year. Diarrhœa prevailed much.

501; 3. LEEDS; West.—Births 330; Deaths 280. The deaths are a little above the average.

Diarrhoa has been and is still prevalent; 58 cases of it have been registered.

502; 7. Dewsbury; Soothill.—Births 61; Deaths 43. The deaths exceed the average by 18; they are chiefly among children who have died of atrophy, diarrhoa, &c. There were 2 deaths of children from small-pox, without vaccination; this disease has been very prevalent during the year.

- 505; 2. BARNSLEY; Barnsley.—Births 235; Deaths 138. Births show an increase of 21 over those of the corresponding quarter of 1851. As in previous reports, I attribute this increase to the prosperous condition of the coal trade connected with Barnsley and the neighbourhood, and the consequent influx of that class of labour. In the deaths there is an increase of 12 over those of the corresponding quarter of last year. The mortality amongst young children has been excessively great; 70 cases are of children under and not exceeding 12 months; 17 were from diarrhea, 13 from emaciation and debility, 8 from premature birth, and 15 from convulsions. A fatal case of Asiatic cholera occurred at Dodworth. I have examined the locality, and it appears to be in such an unsatisfactory state, from want of proper drainage and conveniences, that I am about to represent the matter to the Board of Guardians.
- 507; 2. Ecclesall Bierlow; Upper Hallam.—Births 31; Deaths 12. Diarrhea has been very prevalent, but has not been fatal, with the exception of 2 cases.

Ecclesall Bierlow; Ecclesall Bierlow.—Births 250; Deaths 205. Diarrhea, dysen-

tery, and English cholera caused 87 deaths.

508; 1. Sheffield; West.—Births 203; Deaths 142. Diarrhea has been very prevalent, and

25 deaths resulted from it; 5 from dysentery, 4 from cholera infantum, and 2 from cholera.
508; 2. Sheffield; North.—Births 385; Deaths 315. Diarrhea was fatal in 67 cases, measles in 12, cholera in 2, typhus in 5, and small-pox in 2. Diarrhea has prevailed principally amongst the

young. A more extended plan of drainage is now contemplated.

508; 3. Sheffield; South.—Births 181; Deaths 145. The deaths from diarrhea and other diseases of the intestinal mucous membrane, in July, August, and September were respectively 15, 30, and 25. This excess of mortality is not general throughout the district. Though diarrhœa has been prevalent, and often obstinate, it has not had a fatal character, except in the southern extremity of the district. There have been numerous deaths in Jessop Street and Lane, Earl Street and Lane, the lower ends of Eyre Street and Lane, and Arundel Street and Lane, and most particularly in Sylvester Street and Gardens, a region watered by the poisonous Porter Brook. 508; 4. Sheffield; Park.—Births 190; Deaths 120. There are 14 fatal cases of small-pox.

508; 5. Sheffield; Brightside.—Births 155; Deaths 70. Cholera (English) was fatal in 2

cases, diarrhea in 18, dysentery in 6.

508; 6. SHEFFIELD; Attercliffe.—Births 45; Deaths 34. Small-pox and diarrhea very prevalent. 512; 2. Goole; Goole.—Births 54; Deaths 36. Diarrhea has prevailed to a considerable extent. Cholera infantum has destroyed several children.

513; 2. Selby; Selby.—Births 72; Deaths 60. A death was returned as from Asiatic cholera in a person 65 years of age, of drunken habits. Diarrhœa very prevalent, and fatal in 17 cases.

36. East Riding.

515; 4. YORK; Walmgate.—Births 200; Deaths 193. Deaths above the average. Dysentery and diarrhœa have been prevalent during the whole of the quarter, principally amongst children. From dysentery 24 deaths have been registered, from diarrhea 37, English cholera 3.

515; 6. YORK; Dunnington.—Births 16; Deaths 16. Diarrhea has been very prevalent. 518; 2. Beverley; Beverley.—Births 100; Deaths 81. The deaths have been about The deaths have been above the

average, owing to diarrhea and dysentery, which were fatal in 22 cases.

519; 1. Sculcoates; Sutton.—Births 78; Deaths 84. Diarrheea and dysentery prevailed.

519; 2. Sculcoates; Cottingham.—Births 19; Deaths 26. 18 deaths arise from scarlatina,

dysentery, and diarrhea, which has been very prevalent.

519; 4. Sculcoates; Hessle.—Births 18; Deaths 35. This return shows an increase in deaths of 25 over those of the September quarter of 1851. In Hessle scarlatina has proved fatal in 13 cases, diarrhea in 7. The greatest number of cases of scarlatina occurred during August and the early part of September, when the weather was extremely hot. Several children were attacked by a swelling of the glands of the neck, followed by fever; these have all recovered, but where they had fever before the swelling it generally proved fatal. Scarlatina has almost entirely disappeared since the weather has set in cold. Hessle is considered a very salubrious place, and much sought after as a summer residence by many of the inhabitants of the neighbouring town of Hull.

519; 6. Sculcoates; Drypool.—Births 50; Deaths 50. The deaths are above the average. Fever, scarlatina, dysentery, and diarrhœa very prevalent. About half of the deaths are attributable to these epidemics. The district generally is imperfectly drained, and the streets in bad condition.

519; 7. Sculcoates; East.—Births 96; Deaths 108. Deaths much above the average. Scarlatina, diarrhœa, dysentery, and fever, have prevailed extensively, and have destroyed 51 persons; viz., scarlatina 18, diarrhœa 17, dysentery 9, fever 7. Many parts of this district are very imperfectly drained.

519; 8. Sculcoates; West.—Births 125; Deaths 101. The deaths are considerably above the usual number, and may in some degree be accounted for by the prevalence of diarrhea, dysentery,

and scarlatina. Diarrhea 20, dysentery 12, scarlatina 11.

520; 1. Hull; Humber.—Births 60; Deaths 71. Scarlatina is at present very bad. I have

registered 19 deaths therefrom.

- 520; 3. HULL; Myton.—Births 277; Deaths 320. The deaths are more than 100 above the average, owing to the prevalence of scarlatina and diarrhœa. Of scarlatina there have been 49 cases, diarrhœa 46, dysentery 14, English cholera 3; or one half of the average mortality has arisen from these causes.
- 522; 3. SKIRLAUGH; Aldbrough.—Births 13; Deaths 13. Deaths for the quarter above the
- average. This arises from diarrhea and scarlatina, both of which prevailed in the district.
 524; 3. Bridlington; Hunmanby.—Births 33; Deaths 23. This return shows a great increase of mortality; 8 children have died under the age of 5 years. Diarrhea and typhus prevailed.

37. NORTH RIDING.

525; 2. Scarborough; Scarborough.—Births 129; Deaths 124. Compared with the corresponding quarter for 1851 there is an increase of 31 deaths. Diarrhea, small-pox, typhus, and scarlatina have been the prevailing diseases. 12 persons died of small-pox, 10 of whom were children; 19 of diarrhea and bowel complaints; 5 of scarlatina, and 3 of typhus. During July and August the weather was exceedingly hot and dry. Small-pox originated in a low dwelling-house kept in a very filthy state, and the children being allowed to wander about spread the infection.

526; 1. Malton; Rillington.—Births 43; Deaths 19. Cholera and diarrhoa have extensively

prevailed, but they have been generally successfully treated.

526; 3. Malton; Malton.—Births 75; Deaths 59. 9 deaths from diarrhoa, and 6 from English cholera.

527; 2. Easingwold; Easingwold.—Births 67; Deaths 41. Deaths above the average. Typhus and diarrhea have been very prevalent during the quarter, especially at Easingwold. Cases of the former malady have been rare since the closing in, some years ago, of an open drain which ran through the heart of the town. 4 persons died of fever, 9 of diarrhea, and one of dysentery.

534; 2. NORTHALLERTON; Northallerton.—Births 85; Deaths 41. The deaths are one less than

in the corresponding quarter for 1851, but there has been a great amount of sickness in the district, particularly fever of a typhoid type; only one fatal case resulted therefrom. Pneumonia, hooping-cough, and diarrhœa have prevailed. There has been one death from infantile cholera. The register records in the village of Yafforth one death from electric fluid in a thunder storm.

537; 1. Askrigg; Askrigg.—Births 21; Deaths 17. Scarlatina and diarrhoea very prevalent,

but not severe.

X. NORTHERN DIVISION .- 38. DURHAM.

540; 1. Darlington; Darlington.—Births 148; Deaths 105. Deaths above the average, caused by diarrhea and dysentery.

541; 1. Stockton; Yarm.—Births 128; Deaths 81. Deaths above the average. Diarrhea,

cholera (three cases), and dysentery have prevailed to some extent.

541; 2. Stockton; Stockton.—Births 115; Deaths 105. Diarrhea has been fatal with children and a few old people. Small-pox occurred in a few cases, chiefly with the casual poor, whose children

had not been vaccinated. Every means has been tried to get the people to attend to vaccination. 542; 1. AUCKLAND; Bishop Auckland.—Births 245; Deaths 145. The deaths are above the average, which may be attributed principally to the prevalence of diarrhea to a greater extent than usual. We generally have a few fatal cases at this season amongst children, but this quarter there was not only an increased number in that class, but several amongst adults. I have also registered 4 deaths from decided spasmodic cholera; in 2 cases the deceased were men of intemperate habits, one a wayfaring man at a lodging-house and the fourth a married woman, the mother of a family.

545; 3. DURHAM; St. Oswald.—Births 99; Deaths 90. Diarrhœa very prevalent, and fatal in 9 cases. A woman died of "cholera Asiatica (duration 24 hours);" a girl aged 6 years, "epidemic

545; 4. Durham; St. Nicholas.—Births 227; Deaths 131. Diarrhoea very prevalent, and fatal. 549; 2. SUNDERLAND; Bishopwearmouth, South.—Births 154; Deaths 117. I have had 31 cases

of dysentery and diarrhea; one case registered "English cholera;" 3 of typhus.

549; 4. Sunderland; East.—Births 105; Deaths 95. Deaths above the average. From diarrhea 11 (all in children), English cholera 2, dysentery 3, scarlatina 3, smallpox 2.

549; 5. Sunderland; Monkwearmouth.—Births 196; Deaths 133. Diarrhea was fatal in 20 cases, English cholera in 4 (3 children, one woman), small-pox in 2, typhus in 8. A great number

of the houses and rooms of the poor are in a very filthy and dilapidated state and very unhealthy.

The courts, yards, and alleys, are very dirty from want of proper pavement, drainage, &c.

551; 1. GATESHEAD; Heworth.—Births 97; Deaths 81. Deaths considerably above the average, fever prevailing to a great extent. 13 deaths occurred from scarlatina, 16 from typhus and other fevers. 551; 4. GATESHEAD; Winlaton.—Births 84; Deaths 65. Typhus, scarlatina, &c. prevalent.

39. NORTHUMBERLAND.

553; 3. TYNEMOUTH; Tynemouth.—Births 151; Deaths 118. Diarrhœa and latterly scarlatina have been the prevailing diseases. They were fatal to children in 11 and 9 cases respectively.

558; 2. Мокретн; Bedlington.—Births 89; Deaths 49. Diarrhœa and English cholera have been very prevalent, and one death from Asiatic cholera occurred at Bedlington Colliery, after 25 hours of extreme suffering, to a man, aged 38 years, of regular and temperate habits.

41. WESTMORLAND.

575; I. KENDAL; Ambleside.—Births 65; Deaths 42. Deaths rather above the average. Scarlatina is very prevalent; 12 cases were fatal.

575; 2. KENDAL; Grayrigg.—Births 32; Deaths 19. Scarlatina prevalent in the East part. 575; 4. KENDAL; Kendal.—Births 89; Deaths 55. Scarlatina has nearly subsided, 5 cases of it only were registered. Great numbers are suffering from diarrheea.

XI. WELSH DIVISION. 42. MONMOUTHSHIRE.

576; 1. Chepstow; Shirenewton.—Births 30; Deaths 19. There have been several cases of scarlatina, but only 4 proved fatal, in a part of the district where it had not appeared before, and at the extreme North-west end, whereas previously it had been chiefly confined to the South, which is low and marshy near the Severn. There is still a good deal of sickness prevailing, such as low fevers, agues, and bowel complaints. I think this may be attributed to the changeable state of the weather,

which for a day or two is quite warm, then followed by heavy storms of rain, with cold winds.

580; 2. Newport: Newport.—Births 165; Deaths 135. The mortality is less than that of last quarter. Although diarrhea has very extensively prevailed, it has not been of a very fatal nature. One death, that of a woman, aged 65, was certified to have been from "cholera Asiatica, diarrhea (24 hours), collapse (6 hours)." Hooping-cough and pneumonia among children have been fatal in a great number of cases. A few cases of small-pox have also been registered, but vaccination has prevented the disease from prevailing widely. This town is governed under the provisions of the Health of Towns Act, but the drainage is in a sad state, although the natural facilities for draining are Health of Towns Act, but the drainage is in a sad state, although the natural facilities for draining are great. The chief diseases which prevail here are such as might be obviated, as is evident from the fact that of 135 deaths, upwards of 60 (or nearly half) were of children under a year old.

43. South Wales.

581; 2. CARDIFF; Cardiff.—Births 188; Deaths 176. Small-pox exceedingly prevalent and fatal.

584; 2. NEATH; Neath.—Births 89; Deaths 53. I have registered one death from small-pox

without vaccination, and 5 deaths after vaccination.

585; 3. Swansea; Swansea.—Births 254; Deaths 160. New copper and other works have been established in the district; hence the increase of births. The deaths have been increased by small-pox and diarrhea. From the former 22 occurred (one after vaccination); from the latter 13.
591; 1. Pembroke; Tenby.—Births 58; Deaths 27. The deaths are below the average; the

district is healthy, and the people fully employed.

44. NORTH WALES.

610; 4. HOLYWELL; Mold.—Births 83; Deaths 67. The deaths are the greatest number ever registered in the corresponding quarter of any previous year since 1837.

611; 4. WREXHAM; Wrexham.—Births 113; Deaths 94. The deaths are above the average of the last two years. Diarrhœa combined with fever, and other diseases, have been prevailing. Diarrhea caused 13 deaths, typhoid fever 3, scarlatina 2. Three persons were struck by lightning. 613; 3. St. Asaph; Denbigh.—Births 44; Deaths 50. 11 deaths are registered as caused by

small-pox, all without vaccination.

621; 3. BANGOR; Llanllechid.—Births 76; Deaths 75. Typhus and small-pox prevalent.

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QUARTERLY RETURN

THE MARRIAGES, BIRTHS, AND DEATHS

REGISTERED IN THE DIVISIONS, COUNTIES, AND DISTRICTS OF

ENGLAND.

Marriages, July, August, Sept. 1852. Births and Deaths, Oct., Nov., Dec. 1852.

1852.]

PUBLISHED BY AUTHORITY OF THE REGISTRAR-GENERAL.

[No. 16.

This Return comprises the Births and Deaths registered by 2190 Registrars in all the districts of England during the Autumn quarter ending December 31st, 1852; and the Marriages in more than 12000 churches or chapels, about 3342 registered places of worship unconnected with the Established Church, and 624 Superintendent Registrars' offices, in the quarter that ended September 30th, 1852.

The Return of Marriages is not complete; but the defects are inconsiderable, and approximative numbers have been supplied from the records of previous years.

The Marriages and the Births, in nearly the same proportion, greatly exceed the average number of the season; and the average of the corresponding quarters of

previous years is slightly exceeded by the deaths.

The registration of the year 1852 is completed, for the Births and Deaths, by the present Return. The births were 616251 in 1851, and 624171 in 1852. The deaths 395933 in 1851, and 407938 in 1852. The average annual rate of birth is 3.282 per cent., or nearly 1 in 30. In 1852 it rose to 3.472 per cent. or 1 in 29. The average annual rate of death is 2.242 per cent. (rather less than 1 in 45); in 1852 it was 2.269, or slightly above the average (1 in 44 nearly).

MARRIAGES, BIRTHS, and DEATHS, returned in the Years 1840-52 and in the Quarters of those Years.

											Maria area and all all and a		
YEARS -	1840	1841	1842	1843	1844	1845	1846	1847	1848	1849	1850*	1851	1852
Marriages - Births Deaths	122665 502303 359687	122496 512158 3 43847	118825 517739 349519	123818 527325 346445	132249 540763 356933	143743 543521 349366	145664 572625 390315	135845 539965 423304	138230 563059 399833	141883 578159 440839	152738 593422 368986	153740 616251 395933	624171 407938
						M	ARRIA	GES.					
Quarters ending the last day of March - June - September December -	26395 30786 29221 36263	24447 32551 29397 36101	25860 30048 27288 35629	25285 31113 28847 38573	26387 34268 31675 39919	29551 35300 35003 43889	31417 37111 35070 42066	27480 35197 32439 40729	28398 34721 32995 42116	28429 35844 33874 43736	30567 39204 37636 45331	32619 38498 37155 45468	32933 40007 38291
							BIRT	HS.					
March - June - September - December -	132305 129059 119822 121117	133720 129884 123868 124686	135615 134096 123296 124732	136837 131279 128161 131048	143578 136941 130078 130166	143080 136853 132369 131219	145108 149450 138718 139349	146453 139072 127173 127267	139736 149760 140359 133204	153772 153693 135223 135471	144551 155865 146911 146095	157374 159138 150584 149155	161776 159136 151193 152066
							DEAT	rhs.			pi		
March - June September - December -	98896 90339 80822 89630	99069 86134 75440 83204	96314 86538 82339 84328	94926 87234 76792 87493	101024 85337 79708 90864	104664 89149 74872 80681	89484 90231 101663 108937	119672 106718 93435 103479	120032 99727 87638 92436	105870 102153 135227 97589	98418 92875 85846 91847	105446 99639 91600 99248	106682 100813 100497 99946

MARRIAGES.

76582 persons were married in the quarter ending September 1852, giving a considerable excess on the numbers (74310) married in the corresponding quarter of the previous year. The number of marriages was 38291, while in the summer quarters of 1840-3 the number of marriages never exceeded 29397, and in 1842 fell so low as 27288; in the summer of 1844 there was a sudden increase, and in the summer of 1845 the marriages were 35003; in 1847-8 the numbers fell back to 32439, and rose slowly until the summer of 1849; in each of the three succeeding summers (1850-2) the marriages have not been less than 37155 in number. Nothing probably indicates more accurately than these figures the condition of the people, or the view which they took of their prospects in life during the last eleven summers.

The rate of marriage is still high in London, and the marriages were 7109 in the last, 7345 in the previous, September quarter, whereas they amounted only to 5747 in the corresponding quarter of 1848. The marriages increased in all the South-eastern Counties. In the South Midland Division the marriages were nearly stationary. In Essex, Suffolk, and Norfolk the marriages also increased. In the South-western Division the increase of marriages was greatest in Devonshire and Somersetshire; was particularly conspicuous in Saint Thomas, Newton Abbot, Plymouth, Taunton, Yeovil, and Bath. The marriages increased in each of the West and the North Midland Counties, particularly in Stroud, Cirencester, Ludlow, and Clun (where a railway has recently been carried), Shrewsbury, Dudley, Worcester, King's Norton, Birmingham, Coventry, Warwick, Caistor, Leicester, Nottingham, where manufactures are actively carried on. In Cheshire and Lancashire marriages are much more numerous than they were in 1848, but less numerous than they were in 1850; in Manchester and in Liverpool the marriages are declining. Yorkshire is nearly in

England: †—Annual Rate per Cent. of Marriage, Birth, and Death, during the Years 1842-52, and the Quarters of those Years.

Estimated Population of England in thousands in the middle of each Year -	16123	16318	16516	16716	16919	17124	17331	17541	17754	17977		18195
YEARS	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Mean, 1842-51.	1852
Marriages - Births - Deaths -	•737 3•211 2•168	•759 3•232 2•123	*801 3*274 2*161	*860 3·251 2·090	*861 3·385 2·307	•793 3•153 2•472	•798 3 •249 2 •307	*809 3*296 2*513	· 860 3·343 2·078	*855 3*428 2·202	*813 3*282 2*242	3·472 2·269
STATES OF THE ST			,		D	ARRI	AGES.					
Quarters ending the last day of March June September - December -	•654 •749 •671 •874	•632 •767 •701 •934	*644 *834 *760 *955	*721 *849 *830 1*038	•757 •882 •822 •983	*655 *826 *751 *940	.661 .805 .755 .961	*661 *822 *766 *986	*702 *888 *840 1.009	*740 *861 *819 1.000	*683 *828 *772 *968	•730 •883 •834
7.1.						BIRT	'HS.					
March June September - December -	3·431 3·344 3·032 3·058	3·420 3·234 3·114 3·174	3·507 3·334 3·123 3·115	3·491 3·291 3·140 3·103	3·498 3·551 3·251 3·256	3·488 3·265 2·945 2·938	3·252 3·474 3·211 3·038	3:575 3·523 3·056 3·053	3·321 3·530 3·281 3·253	3·569 3·559 3·321 3·279	3·455 3·411 3·147 3·127	3.585 3.516 3.294 3.343
785 TO A TO						DEAT	THS.					
March June September - December -	2·436 2·158 2·025 2·067	2·373 2·149 1·866 2·119	2·467 2·077 1·913 2·175	2.554 2.144 1.776 1.908	2·157 2·144 2·382 2·545	2.850 2.506 2.163 2.389	2·794 2·313 2·005 2·108	2·462 2·341 3·057 2·199	2·261 2·103 1·917 2·045	2·391 2·228 2·020 2·182	2·475 2·216 2·112 2·174	2·364 2·227 2·190 2·197

[†] The Table may be read thus, without reference to the decimal points:—In the year 1848, to 100000 of the population of England there were 798 marriages, 3249 births, 2307 deaths registered.—The annual rates of marriage in each of the 4 quarters were 661, 805, 755, and 961 per cent.; the rates of death 2.794, 2.313, 2.005, and 2.108 per cent. In reading the population on the first line add 3 ciphers (000). The 3 months January, February, March, contain 90, in leap year 91 days; the 3 months April, May, June, 91 days; each of the 2 last quarters of the year 92 days. For this inequality a correction has been made in the calculation.

the same condition as Lancashire; the marriages in the West Riding have not increased to any extent since 1850. In the Northern Division the marriages decreased; they increased in Wales.

BIRTHS.

152066 births were registered in the last quarter of the year, whereas the numbers in the quarter ending December 1851 were 149155. The births registered in London, in the West Midland counties and in Yorkshire increased; in the other Divisions the numbers scarcely exceeded those in the previous year.

INCREASE OF POPULATION.

As the births in the quarter were 152066, the deaths 99946, the natural increase was 52120. The number of emigrants who sailed in the quarter from London was 12322, Plymouth 1676, Liverpool 41317; from the three English ports 55315. The total numbers who sailed from the ports of the United Kingdom at which there are Government emigration agents amounted to 57913. Many who sailed from other ports are not in the return, and it is well known that a large proportion of the emigrants who sail from Liverpool are by birth Irish. At present it is probable, taking all circumstances into account, that the emigration from England is not equal to its natural increase.

The number of emigrants who sailed during the year 1852 from the ports of the United Kingdom at which there are emigration agents amounted to 350647, or certainly not less, taking the year through, and other ports into account, than

1000 a day.*

The price of provisions has increased since last year; in the last three months of 1852 wheat was 40s. 5d. a quarter; beef, by the carcase, at Leadenhall and Newgate markets, 4d. a pound; mutton, $5\frac{1}{4}d$. a pound; potatoes (York regents), 105s. a ton at the waterside market, Southwark. In the corresponding three months The AVERAGE PRICES of Consols, of Wheat, Meat, and Potatoes; also the AVERAGE QUANTITY of Wheat sold and imported weekly, in each of the Six Quarters ending December 31st, 1852.

Quarters ending	Average Price of Consols.	Average Price of Wheat per Quarter in England and	† Wheat sold in the 290 Cities and Towns in England and Wales making Returns.	† Wheat and Wheat Flour entered for Home Consumption at Chief Ports of Great Britain.	of Meat Leade and Newga		Potatoes (York Regents) per Ton at Waterside Market, Southwark.
		Wales.	Average Number of	Quarters weekly.	Beef.	Mutton.	
1851 Sept. 30	\mathfrak{L} $96\frac{1}{2}$	40s. 7d.	74,714	91,040	3d.—5d. Mean 4d.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	90s.—110s. Mean 100s.
Dec. 31	97 7 8	36s. 7d.	109,506	47,986	3d.—5d. Mean 4d.	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	65s.—75s Mean 70s.
1852 Mar. 31	$97\frac{1}{4}$	40s. 10d.	95,532	27,540	$3\frac{1}{4}d5d.$ Mean $4\frac{1}{8}d.$	$3\frac{3}{4}d.$ — $5\frac{3}{4}d.$ Mean $4\frac{3}{4}d.$	
June 30	99 8	40s. 10d.	87,949	54,675	$3\frac{1}{4}d.$ — $4\frac{3}{4}d.$ Mean $4d.$	$3\frac{3}{4}d.$ — $5\frac{1}{4}d.$ Mean $4\frac{1}{2}d.$	85s.—110s. Mean 97s.6d.
Sept. 30	100	41s. 2d.	78,712	67,912	$3\frac{1}{4}d.$ —5d. Mean $4\frac{1}{8}d.$	4d6d. Mean 5d.	80s.—100s. Mean 90s.
Dec. 31	1005	40s. 5d.	111,224	72,870	3d.—5d. Mean 4d.	$\begin{array}{ c c c c c }\hline 4\frac{1}{4}d 6\frac{1}{4}d.\\ \text{Mean } 5\frac{1}{4}d.\\ \end{array}$	

[†] Note.—The total number of quarters of wheat sold in England and Wales for the 13 weeks ending Sept. 30th, 1851, was 971,276; for the 13 weeks ending Dec. 31st, 1,423,582; for the 13 weeks ending March 31st, 1852, 1,241,921; for the 13 weeks ending June 30th, 1,143,339; for the 13 weeks ending Sept. 30th, 1,023,251; for the 13 weeks ending Dec. 31st, 1,445,906. The total number of quarters entered for Home Consumption was respectively 1,183,523; 671,803; 358,024; 710,780; 882,850; and 947,310; the second total, however, embraces the returns of 14 weeks.

^{*}Return with which the Registrar General has been favoured by the Emigration Commissioners.

B 2

of 1851 the prices were: wheat, 36s. 7d. a quarter; beef, 4d. per pound; mutton, $4\frac{3}{4}d$. per lb.; potatoes, 7os. Potatoes are therefore, through the disease with which they have been infested, dearer by 50 per cent., wholesale, in London, than they

were at the same time last year.

It should be recollected that the potatoe cannot be replaced in the dietary of the people by bread or meat. Fruit and vegetables are indispensable constituents of man's food; and without a due supply of them to the population scurvy and malignant diseases of various kinds break out. Turnips, carrots, artichokes, green vegetables, oranges, and lemons should be procured, where there are means, in towns; in the country the old practice of drinking herb teas with cream of tartar would be salutary.

STATE OF THE PUBLIC HEALTH.

99946 deaths were registered during the last quarter of the year 1852. In the corresponding quarter of 1851 the deaths were 99248. The annual rate of mortality in the last quarter is at the rate of 2·197 per cent., which is higher than the average rate, or than the mortality in the corresponding quarters of 1842–45, in 1848, in 1850–51, but much lower than 2·545 and 2·389, the rates of mortality in 1846–47. On dividing the country into two large divisions, the first of 117 districts, com-

On dividing the country into two large divisions, the first of 117 districts, comprising the chief towns, and a population of 7,795,882, the second of 506 districts, having a population of 10,126,886, it is found that the mortality in the town districts was, during the quarter, at the rate of 2.514 per cent. per annum, which is below the average (2.579), while the mortality in the country districts was at the rate of 1.982 per cent. per annum, or somewhat above the average of the

corresponding quarter (1.941).

The unfavourable condition still prevailing in the towns is, however, too evident; to every 4 deaths out of a given number living in the country, 5 deaths occurred out of an equal number living in the towns during the last quarter; and on an average, out of equal numbers living, 4 die in the towns during autumn to every 3 who die in the country. The causes by which this mortality is wrought affect the whole organisation of children, and must ultimately produce a degeneration of large numbers of the English race. But there is apparently no reason why, by the use of the same or more efficient means, the health of all the town populations should not be improved to the same extent as the health of the navy. The work would be greater; so would the benefit and the glory. It is evident, however, that though Her Majesty's Government may contribute to this happy change in the public health by proposing and carrying out good laws, they can only be successful in measures involving an infinite number of details by the energetic action of the

		DEA	THS in	n the	Autun	ın Qua	rters.					
	1842	1843	1844	1845	1846	1847	1848	1849	1850	1851	Total 1842-51	1852
In 117 Districts, comprising the chief towns	39662	42608	44080	39293	53055	57925	46124	47685	45245	49282	464959	49507
In 507 Districts, comprising chiefly small towns and country parishes	44666	44885	46784	41388	55882	45554	46312	49909	46778	49966	472124	50439
Total	84328	87493	90864	80631	108937	103479	92436	97594	92023	99248	937083	99946

POPULATION; DEATHS; and MORTALITY per Cent. in the Autumn Quarters, 1842-52.

	Population	enumerated	Deaths in	Annual Rate of Mortality	Annual Rate of Mortality
	June 6-7th, 1841.	March 31st, 1851.	Quarters, 1842–51.	of 10 Autumn Quarters, 1842-51.	in the Autumn Quarter 1852.
In 117 Districts, comprising the	6,612,958	7,795,882	464,959	2.579	2.514
In 506 Districts, comprising chiefly small towns and country parishes	9,301,190	10,126,886	472,124	1.941	1.982
All England	15,914,148	17,922,768	937,083	2.174	2.197

authorities and of the people living in towns, where human life is now so much impaired and shortened.

In London the mortality was below the average. 13681 deaths were registered in the December quarter, and the causes are stated in 13302 instances in the weekly tables, of which there is a tabular summary on another page. deaths were referred to zymotic diseases, 74 to small-pox, 121 to measles, 952 to scarlatina (which has been unusually fatal), 343 to diarrhea, 14 to cholera, 41 to influenza, 634 to typhus (136 less than in the year preceding). Erysipelas, fatal in 67 instances, was also less prevalent than usual. The deaths from diseases of variable and uncertain seat, as well as from tubercular diseases, fluctuate little; thus the deaths from cancer in London during the five last autumns were 240, 242, 219, 223, and 228; the deaths from consumption 1450, 1473, 1455, 1737, The cause of the considerable increase in the deaths from consumption during the last two autumns is unknown. 1492 persons died from diseases of the brain (which vary inconsiderably from year to year), 288 persons died of apoplexy, 238 of paralysis, 118 (40 above the usual number) from epilepsy. 517 deaths were referred to diseases of the heart and blood-vessels, 2359 to diseases of the lungs and other organs of respiration. Bronchitis was the cause of 1006 deaths; pneumonia of 1036 deaths. Hernia, ileus, intussusception, and stricture of the intestinal canal were fatal in 109 instances, a number one fourth above the average. 115 mothers died in childbirth, 46 by metria (or puerperal fever), and 69 by other diseases incidental to that state. The births in London during the quarter were about 20482, consequently one mother died to every 178 children born alive. The deaths from carbuncle and phlegmon (23), though not considerable, are more numerous than in the autumn quarter of 1851, and twice as numerous as in the previous autumns (1848-50). 20 deaths were referred directly to intemperance; 27 to delirium tremens; 54 to the want of breast-milk; 2 to privation; one to cold; 26 to poison; 66 to burns and scalds. 93 deaths were referred to hanging, strangling, and suffocation; and the numbers from these causes has rapidly increased of late from 22 in the autumn of 1848 to 41, 54, 55, and 93 in the autumns succeeding. 108 deaths by drowning have also been registered in the quarter, or 50 more than the average of the corresponding quarters.

The mortality in Surrey, Sussex, and Hampshire was below the average; in Kent about, in Berkshire above, the average. The deaths in Reigate during the last three autumns were 44, 51, 68; in Croydon 132, 132, 176. In Kingston, Dartford, and the Medway the mortality was much below the average; so also was it in Margate, Ramsgate, Brighton, and Hastings. In Dover the deaths were 193, the mortality high; in Portsea Island, Southampton, and Winchester the deaths also exceeded the average number. The mortality in nearly all the districts of Berkshire on the banks of the Thames was above the average; scarlatina prevailed.

The Registrar's note on Southampton is as follows:—

Births 340; Deaths 231. Of the deaths there were registered in October 70, November 60, December 101. The excess therefore is in December, which may be chiefly attributed to the state of the weather, which has been almost constantly wet. Nearly half of the deaths registered in that month have been from disease of the respiratory organs. The deaths from fever of all kinds have been only 5 in October, 6 in November, and 8 in December, including one from "malignant fever," supposed to have been yellow fever, the deceased having been one of the engineers of the "La Plata" steam ship from the West Indies, which lost several on board from that fever.

The Registrar of Broughton, Stockbridge, who is a surgeon, says:—"Since the stof August last upwards of 90 cases of fever have been attended by me in East Tytherly alone. Under one roof in two rooms (and one of them a small one) 14 persons sleep. In one room the mother of one family lies delirious, and in the other the mother and daughter of the other both ill of fever. Nuisances surround the cottage; there is defective drainage on a clay soil. In Broughton fever has raged and is still existing in a very swampy locality."

The mortality was below the average in several districts of the South Midland Counties; but Uxbridge, Peterborough, Huntingdon, and a few other districts were exceptions to the rule. Ware suffered from rheumatic and intermittent fevers; Waddesdon (Aylesbury) and Higham Ferrers from typhus; Suffolk and Norfolk

were healthier than usual: in Essex the mortality exceeded the average. Low typhoid fever prevailed in Rayleigh, Rochford; the Registrar himself had attended 130 cases of low fever. Typhus prevails to a great extent in the solitary parish situated in a valley of Southminster, Maldon, in the low village of Horningham, St. Faith; and in Downham typhus prevailed in the vicinity of afoul pool of water in the parish of Lyng (Norfolk); the cause was removed at the instance of the Board of Guardians, and the fever has abated. The dirty ponds which are found all about the country near farm and other houses are unquestionably noxious, as is proved by this and many other examples. The Registrar of Middle King's Lynn, where the births of 235 living children were registered, has ascertained that in the year 1852, 24 still-born children were interred by the sexton. In Ludham

emigration, the Registrar says, appears to have diminished the births.

The mortality was below the average in all the South Western Counties, except Wiltshire. The health of North Bradley is in a satisfactory state, which the Registrar ascribes to the "larger command of the necessaries of life now possessed even by the poorest." The deaths in the Amesbury sub-district exceed the births, owing to the prevalence of typhus in Bulford and in Amesbury. An airy, healthy house has been engaged as a temporary fever hospital by a gentleman in the neighbourhood. Fever prevails in Cerne. In Lyme the sewers have been thoroughly cleansed, and the Common Lodging House Act has been carried out; the deaths have fallen considerably. Scarlatina has been fatal in Newlyn, St. Columb; dysentery in Falmouth, where the last of 21 deaths from the disease occurred on November 15th. Ilchester is healthy; a friendly society of 240 members, of the average age of 30–5, has lost only 2 members by death since June 1849; but at Kington Magna, Wincanton, fever of a very bad type has, within the last three months, made its appearance in the parish. The cottages are small, crowded, badly ventilated; decayed vegetables and refuse have been allowed to accumulate.

In the Sixth Division the deaths in Herefordshire and Staffordshire are above, while the deaths in the other counties are below the average. Small-pox has been fatal in Bristol; and the Registrar of St. Augustine notices a variety of the disease which has been fatal in Thatched House Lane. Typhus and scarlatina prevail in Weobley, Herefordshire; measles and hooping-cough in Clun; and the Registrar of Wem, Shropshire, records an instance of fever apparently generated by putrescent matter adjacent to the house. Scarlatina has prevailed in Staffordshire; fever and pulmonary complaints have prevailed in Birmingham. The mortality has been above the average in Stoke-upon-Trent, Wolstanton, and Newcastle-under-

Lyme, also in Wolverhampton and the districts around.

In the North Midland Division the mortality in the counties of Leicester, Nottingham, and Derby is above, in Lincoln below the average. The health of Leicester, Grantham, Basford, and Derby has not been good. Scarlatina has been fatal in Loughborough, Spalding, Worksop, and Nottingham, where typhus has also prevailed.

In Cheshire and Lancashire the mortality is above the average; 17255 people died. Scarlatina has prevailed in many districts, and typhus has in some places been epidemic. The deaths in Liverpool are fewer, in Manchester more, than is usual.

YORKSHIRE experienced the average rate of mortality; 10657 persons died in the quarter. In Leeds and Sheffield the mortality is below the average. Scarlatina, typhus, and small-pox were epidemic in many parts of the county; 24 deaths from small-pox, 18 from scarlatina, happened in Scarborough. The healthiness of Barnsley is referred to the active employment of the labouring population.

The Northern Counties have been less healthy than usual; 5679 deaths have been registered; scarlatina has extensively prevailed. Newcastle-upon-Tyne and the districts around, Durham, Carlisle, Cockermouth, and Whitehaven, have lost more than the average number of lives, chiefly, it would appear, from scarlatina.

In Wales 6005 persons died. Small-pox, through the neglect of vaccination, has been prevalent and fatal. Parts of Wrexham are in a filthy state, and there epidemics prevail. Cardiganshire and the other high districts of Wales have been as healthy as usual.

The meteorology of this unusual season is discussed by Mr. Glaisher (page 30).

MARRIAGES Registered in the Quarters ending September 30th, 1848-52; BIRTHS and DEATHS Registered in the Quarters ending December 31st, 1848-52, in the Divisions, Counties, and Districts of England.

				MANNE		2	-			OHT VIO					DEATES		
DIVISIONS.	POPULATION.*	ATION.*				RE	REGISTERED	KI.	тнв О	QUARTER	ENDING	THE	LAST D	AY OF			
				SEP	SEPTEMBER.	R.			DE	DECEMBER	R.			DE	DECEMBER.	C.	
The state of the s	1841	1851	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852	1848	1849	1850	1851	1852
ENGLAND	15914148	17927609	32995 33874 37636	338743	(C)	7155	38291	33204	135471	146095	149155	152066	92436	97589	91847	99248 99946	99660
Divisions.																	
London	1948417	2362236	5747	6152	6782	7345	7109	17745	17708	19342	19724	20482	14738	13176	12958	14355	13681
South Eastern	1479863	1628386	5609	2612	2738	2872	2998	11825	12024	12487	13125	13227	8002	8030	7273	8039	7952
South Midland	1141494	1234332	896I	1923	2163	0461	2041	8981	9823	10086	10122	10070	6645	6683	0919	6043	6120
Eastern	1040616	1113982	1503	1521	1585	1514	16191	7887	8287	9498	8710	8566	5038	5732	5616	5444	5385
South Western	1740032	1803291	3067	2926	3193	3080	3330	12581	13052	13620	13494	13945	8258	9388	1198	9485	8929
West Midland	1902125	2132930	3966	3894	4512	4365	4672	80091	15982	17210	18233	18725	10477	11627	11482	11787	12038
North Midland.	1110203	1214538	2074	2110	2233	2088	2272	8915	9248	10207	10045	64001	5701	5824	5646	5969	6245
North Western	5004902	2490827	5409	5998	6735	6367	6541	19412	19557	21745	22325	22764	14892	14848	14621	16538	17255
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* In the present publication the "Registration Counties" comprise groups of entire Registration Districts, or Poor Law Unions; and when a District runs into two or more Counties, it has been placed with the County in which the greater part of the Population is situated: hence these groups of Districts rarely, if ever, correspond with the strict boundaries of the respective Counties named.

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^a The Town of Dudley is in Worcestershire, but the greater part of the population of the Dudley District (382) being located in Staffordshire, it is classed with that county,—See note page 9.

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* This district was formed Jan. 1st, 1850, by the severance of two sub-districts from Chorlton (471), which being added to the former district of Worsley, constitute the new district and Poor Law Union of Barton-upon-Irwell.

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292 186 25	55 33 131	80 103 326 173 237	~	074	256	0	IOI	69	179	112	1-0	94	رن بن ر	4 4	70	27	29	
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35681 29988 5516	13809 7968 34832	16776 25305 258305 25845 330538	ار د د ا	32557 52863	21355	38649	20182	17128	37523	21748	37139	19903	20863	9005	22242	10254	8714	10/41
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Cockermouth Whitehaven Bootle	East Ward West Ward Kendala	W sto mo mo ype ype poor	43. SOUTH GLAMORGA	Cardiff	Bridgend Neath.	Swansea	Llanelly .	Llandovery Llandilofawr	Carmarthen	Narberth .	Haverfordwest	Cardigan	Newcastle-in-Emlyn	Lampeter. A beravron	Aberystwith	Tregaron .	Builth	Brecknock
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a A slight change has taken place in the constitution of this District since 1st January 1850.

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			1852	411	76		933	179	250	52 6 28	73 201 179 44	161
70		R.	1851	119	52 29 10		66 102 81	183	183 83 98 54	61 51 64	69 211 142 37	201
DEATHS		DECEMBER	1850	109	54 12 12		50 144 89 68	H 558	199 60 111 50	62 43 53	122 122 148 48	170
D	X OF	Dı	1849	99	32		119	181	189 62 94 70	59 28 44 66	81 193 263 54	200
	LAST DAY	,	1848	86	59 29 17		7.22 7.20 7.20 7.20 7.20 7.20 7.20 7.20	195	302 95 117 66	71 30 56 71	182 182 146 49	159
	THE		1852	891	97 71 53		83 159 143	297	316 110 137 83	80 40 68 128	129 232 265 79	275
	ENDING		1851	161	101 74 48		81 178 129	275	239 93 156 90	96 41 71 121	165 216 229 62	28I
BIRTHS.	QÚARTER	DECEMBER	1850	195	102 84 53		84 179 113	306	286 94 144 83	336	150 226 260 85	260
BI	тнв Q	DE	1849	2/1 69	97 24 54		58 166 94	45.	267 83 104 83	9,65	152 211 214 63	267
	IN		1848	181	105		93	25.7	282 83 100 76	77 70 45 45	139 177 243 72	263
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	TION.		1851	21697	15149 9480 6796	,	12116 25107 20381	41047	42295 16853 25288 12479	15418 6736 12971 16182	21788 30446 30810 11630	43243
	POPULATION		1841	17676	15739 9315 6722		12307 26016 20983	40798	39558 16609 23547 12322	15089 6953 13211 15460	21637 28509 25901 10706	38106
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	DISTRICTS.			Crickhowell	Presteigne . Knighton . Rhayader .	44. NORTH	Machynlleth	INTSH	Denbigashire Wrexham Ruthin St. Asaph Llanrwst	Corwen Bala Dolgelly Festiniog	Pwllheli	Anglesey.
				209	603 604 605		909	019	611 612 613 614	615 616 617 618	619 620 621 622	623

A TABLE OF THE DEATHS IN LONDON FROM ALL CAUSES,

Registered in the December Quarters of the 5 Years 1848 to 1852.

CAUSES OF DEATH.	Qua	rters e	ending	Decen	nber	CAUSES OF DEATH.	: Qua	rters e	nding :	Decem	ber
	1848	1849	1850	1851	1852		1848	1849	1850	1851	1852
All Causes Specified Causes	14725 14679			13964 13850	13448 13302	IV. Cephalitis Apoplexy Paralysis	115 336 249	120 324 257	122 332 280	113 330 277	111 288 238
I. Zymotic Diseases	5137	3227	2706	3137	2851	Delirium Tremens Chorea	34	29	38 1 79	33	27
Sporadic Diseases: II. Dropsy, Cancer, and other)						Epilepsy	73 4 24	73 5 26	4 24	75 4 27	118 4 23
Diseases of uncertain or variable Seat	605	593	564	574	598	Convulsions	477 152	473 146	441 155	497 139	508 174
III. Tubercular Diseases - IV. Diseases of the Brain, Spi- nal Marrow, Nerves and	2058	2035	2012 1476	2390 1495	2219 1492	Pericarditis	34 16	34 20	39 21	32 25	26 17
Senses \ V. Diseases of the Heart and	479	466	525	582	517	Disease of Heart	429	412	465	525	474
Blood Vessels { VI. Diseases of the Lungs and } of the other Organs of }	2064	2133	2262	2510	2359	Bronchitis	766 36	805 24	32 922 31	1050 50	1006 35
Respiration VII. Diseases of the Stomach,						Pneumonia	963 146	989 174	946 216	1053 216	1036 151
Liver, and other Organs of Digestion	765	703	734	781	807	Disease of Lungs, &c VII.	109	95	115	96	91
VIII. Diseases of the Kidneys, &c. IX. Childbirth, Diseases of	141	142	153	160	168	Teething	91 20 26	118 24 18	120 24 16	99 31 21	107 10 19
the Uterus, &c { X. Rheumatism, Diseases of {	106	124 98	107	114	121	Enteritis	96 62	82 47	91 48	89 68	96 51
the Bones, Joints, &c { XI. Diseases of the Skin, { Cellular Tissue, &c {	17	25	20	24	34	Ascites - Ulceration of Intestines, &c.	28 30 46	33 33 26	25 22 29	32 33 29	33 38 41
XII. Malformations XIII. Premature Birth and De-	56 292	39 293	47 340	50 399	58 385	Ileus Intussusception	28	22 14	34	37 8	48
XIV. Atrophy	288	339 554	269 536	297 606	323 556	Stricture (of the Intestinal) Canal) Disease of Stomach, &c.	11	8 78	11 65	13 79	9 77
XV. Age XVI. Sudden*	527 162	191	147 437	108	126 576	Disease of Pancreas Hepatitis	86	29	44	40	61
and Intemperance }	412	402	437	524	970	Jaundice	36 147	33 133	36 155	157 157	157
Small Pox	413 218	99 338	191 264	339 204	74 121	Disease of Spleen VIII. Nephritis	4 2	6	10	5	12
Scarlatina	1765 472	486 273	429 424	603 286	952 316	Nephria (or Bright's Disease, see Disease of Kidneys) -	} 40	31	35	39	30
Croup	62 48 375	80 38 482	89 39 316	93 33 401	76 27 343	Ischuria	1 13 4	10 7	3 17 6	12 7	16 12
Dysentery	74 468	79 494	41 23	39 15	31 14	Cystitis	6 10	13	12	17	9
Influenza Purpura and Scurvy	24	49 11	26 13	34 18	41 14 5	Disease of Kidneys, &c IX. Paramenia	65	67	64	73	76
Ague	1	15 12	5 23 15	6 24 12	13	Ovarian Dropsy Childbirth, see Metria	5 8 63	14 60	9	14 59	2 7 69
Typhus Metria or Puerperal Fever, see	883	558	619	770 69	634	Disease of Uterus, &c X.	30	1 42	34	40	43
Childbirth		20 109	14	1	24	Arthritis Rheumatism Disease of Joints, &c	69 33	56 41	61 46	51 45	8 55 49
Syphilis Noma or Canker, see Mortification	32		29 4	43 11	37 5	Carbuncle	4	7	3	9	10
Hydrophobia	-		-	-	-	Phlegmon	8	13	13	8	13
Hæmorrhage	228	51 205	183	225	220	Intemperance Privation	13 14	15 8	17 9	15 7	20 2
Abscess	27 17	26 17	18	8	14	Want of Breast Milk, see Privation and Atrophy - Neglect	35	37	51	77	54
Fistula	$\begin{array}{ c c c }\hline 2\\ 42\\ 240\\ \end{array}$	$\begin{array}{ c c c }\hline & 2\\ 36\\ 242\\ \end{array}$	40	43	45 228	Cold, see Privation	24	1 20	1 22	28	1 26
Gout	7	14		11		Burns and Scalds Hanging, &c	63 22 68	58 41 47	49 54	69 55	66 93
Scrofula	92 174					Drowning Fractures and Contusions - Wounds	131 31	129 28	59 142 20	58 164 33	108 168 26
Phthisis or Consumption - Hydrocephalus	1450 342	1473	1455	1737	1662	Other Violence Causes not specified	11 46	18	101	12 114	11
	1									1	1

Note.—The 13 weeks of 1852, constituting the December quarter in the Weekly Tables of Mortality, ended December 25th, in which 13448 deaths were registered. In the quarter ending December 31st (p.7), 13681 deaths were registered.

* Under the head of sudden deaths are classed not only deaths described as sudden, of which the cause has not been ascertained or stated; but also all deaths returned by the coroner in vague terms, such as "found dead," "natural causes," &c. &c.

On the Meteorology of England, South of Scotland, and parts of Ireland, during the Quarter ending December 31st, 1852. By James Glaisher, Esq., F.R.S., Sec. of the British Meteorological Society.

The daily temperature was below its average value till October 19th, and it was alternately in excess and defect from October 20th to October 20th. On October 30th a period of weather set in. of higher temperature and longer continuance, at this season of the year, than any on record. The mean temperature of the month of November was $48^{\circ}.9$, being $6\frac{1}{2}^{\circ}$ in excess of the average of 80 years; during which period one instance only of a higher temperature has taken place, viz. in 1818, when the average temperature of this month was 49°. The mean temperature of December was 47° 6, exceeding the average of the month by no less than $8\frac{3}{4}^{\circ}$, and being of higher temperature than any December, so far as our records extend. The nearest approach to this value was in 1806, when the mean temperature of December was 46°.8.

The quarter has been remarkable for a continuance of heavy falls of rain, which characterized the preceding quarter. In some places as much rain has fallen within this quarter as occasionally falls in the entire year. The fall in the year has greatly exceeded its average, amounting to 50 inches

in depth nearly in the counties of Cornwall and Devonshire; between 30 and 40 inches at most inland places; and exceeding 58 inches at both Stonyhurst and North Shields.

During the whole of the quarter the weather has been unsettled, the reading of the barometer has been subjected to great and frequent fluctuations, and has been generally low; the amount of water mixed with the air, in the invisible shape of vapour, notwithstanding the continued rain, has been that only due to the season, and therefore, on account of the much higher temperature than usual, the degree of humidity has been less than that common to the season.

The mean temperature of the air at Greenwich for the quarter ending November, constituting the

3 autumn months, was 51°·2, being 1°·9 above the average of 80 years.

					Tempe	rature o	of				Floati	e Force		ght of
1852.		Air.		Evapo	ration.	Dew	Point.		r— Range.	.*		apour.	Vapour in a Cubic Foot of Air.	
Months.	Mean.	Diff. from ave- rage of 80 years.	Diff. from average of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from average of 11 years.	Water of the Thames.	Mean.	Diff. from ave- rage of 11 years.	Mean.	Diff. from ave-rage of 11 years.
Oct Nov Dec	0 47·9 48·9 47·6	0 -1.4 +6.5 +8.8	0 -1.9 +4.9 +7.2	45.0 46.3 44.5	0 -2.8 +3.8 +5.5	0 41·3 43·4 40·9	0 -4.3 +2.9 +4.0	0 14.6 10.4 9.7	0 +1·3 -0·3 +0·8	0 49°4 48°2 45°5	in. •279 •296 •271	in. -*044 +*024 +*030	gr. 3°2 3°4 3°1	gr. -0.5 +0.3 +0.3
Mean .	48.1	+4.6	+3.4	45.3	+2.2	41.9	+0.9	11.6	+0.6	47.7	*282	+.003	3°2	0.0
	C					ht of a Foot Air.	Ra	in.	Daily Hori-	Read	ing of T	hermom	eter on G	łrass.
1852.		Diff.		Diff.		Diff.		Diff.	zontal move-		ber of N it was	ights	Low-	High-
Months.	Mean.	from ave- rage of 11 years.	Mean.	from ave- rage of 11 years.	Mean.	from ave- rage of 11 years.	Amount.	from ave- rage of 37 years.	ment of the Air.	At or below 320	Be- tween 320 and 400	Above 400	Read- ing at Night.	Read- ing at Night.
Oct Nov Dec	*803 *828 *794	- ·062 - ·058 - ·101	in. 29.687 29.465 29.581	in. - '013 - '264 - '282	gr. 538 534 536	gr. + 3 - 8 -14	in. 3°8 6°0 2°2	in. +1.2 +3.7 +0.3	Miles. 92 165 176	14 6 5	11 9 17	6 15 9	0 24.0 26.8 25.0	0 47°9 53°2 47°2
Mean .	*808	074	29.578	186	536	- 6	Sum 12.0	Sum +5°2	144	Sum 25	Sum 37	Sum 30	24°0	53°2

NOTE.—In reading this table it will be borne in mind that the sign (-) minus signifies below the average, and that the sign (+) plus signifies above the average.

Thunder was heard or lightning seen at different stations on October 1st, 2d, 4th, 5th, 6th, 24th, 25th, and 26th; November 1st, 2d, 3d, 5th, 6th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 25th, 27th, and 29th; December 8th, 16th, 17th, 18th, 19th, 23d, 25th, 26th, 27th, and 29th.

Remarkable falls of Rain on the 1st October at Jersey was 0.9 in., at Guernsey 0.7 in., at Newport o 5 in., at Ryde o 5 in., at Worthing o 5 in., at Stonyhurst 1 o in.; on the 2d at Jersey 1.2 in., at Guernsey o.8 in.; on the 3d at Falmouth o.9 in., at Alderley Edge o.5 in.; on the 4th at Guernsey 1.8 in., at Falmouth o.8 in., at Southampton 1.9 in., at Uckfield 2.1 in., at Midhurst 1.8 in., at Lewisham 1.2 in., at Greenwich 1.0 in. from 9 A.M. to 9 P.M., at Bicester o.7 in., at Stone o.7 in., at Linslade o.7 in., at Royston 1.0 in., at Cardington o.7 in., at Bedford o.7 in., at Norwich o 7 in., at Grantham o 9 in., at Manchester o 5 in., at Wakefield o 5 in., at Leeds o 5 in., at Stony hurst o 5 in., at North Shields 2 4 in.; on the 5th at Jersey 1 7 in., at Newport 2 3 in., at Ryde 1 3 in., at Worthing 1 6 in., at St. John's Wood 1 o in., at Enfield 1 o in., at Hartwell Rectory o 7 in., at Holkham o 6 in., at Bowdon o 5 in., at Durham 1 o in.; on the 6th at Ennis o 5 in.; on the 21st at Falmouth 0.5 in., at North Shields 1.0 in.; on the 24th at Guernsey 0.7 in., at Lewisham o'7 in., at Nowwich o'5 in.; on the 25th at Jersey o'9 in., at Falmouth 1'1 in., at Newport 1'1 in., at Ryde 1'2 in., at Worthing 2'4 in., at Southampton o'8 in., at Uckfield 1'8 in., at Midhurst o 6 in., at Lewisham o 6 in., of which o 5 in. fell in 2 hours, at Greenwich o 9 in., at

Ennis 0.5 in., at Holkham 0.8 in.; on the 26th at Falmouth 1.2 in., at Ryde 1.1 in., at Southampton 1.1 in., at Uckfield 1.1 in., at Midhurst 1.5 in., at Lewisham 0.8 in., at Greenwich 0.5 in., at St. John's Wood 1 · 1 in., at Bicester o · 6 in., at Ennis o · 6 in., at Norwich o · 6 in., at Grantham o · 5 in. in 6 hours, at Nottingham o · 7 in., at Manchester o · 5 in., at Wakefield 1 · 2 in., at Leeds 2.0 in., at Stonyhurst 0.7 in.; on the 27th at Jersey 1.0 in., at Guernsey 1.3 in., at Newport 1.2 in., at Ryde 1.4 in., at Worthing 1.2 in., at Uckfield 0.9 in., at Hartwell Rectory 0.5 in., at Norwich o·7 in., at Grantham o·9 in., at Alderley Edge 1·1 in., at Bowdon 1·1 in., at Stonyhurst o·7 in.; on the 28th at Jersey o·9 in., at Durham o·5 in., at North Shields 1·4 in.; on the 29th at Falmouth o·7 in.; on the 30th at Guernsey o·5 in., at Newport o·5 in., at Ryde o·6 in., at Southampton o.6 in., at Ennis o.6 in.; on the 31st at Newport o.5 in., and at Ryde o.5 in.; on the 1st November at Cong 1 oin.; on the 2d at Newport o 5 in., at Ryde o 5 in., at Worthing o 5 in., at Southampton o 5 in., at Midhurst o 6 in., at Lewisham o 5 in., at Greenwich o 5 in., at St. John's Wood o.8 in., at Royston o.6 in., at Norwich o.9 in.; on the 3d at Newport o.5 in., at Worthing o.5 in., at Southampton o.6 in., at Stonyhurst o.7 in.; on the 4th at Falmouth o.8 in., at Wakefield o.5 in., at North Shields 1.1 in.; on the 5th at Ennis 0.9 in., at Cong 0.6 in., at Bowdon 0.5 in., at Stonyhurst o.7 in.; on the 6th at Falmouth 1.3 in., at Bowdon o.9 in.; on the 7th at Southampton o.9 in.; on the 8th at Newport o'5 in., at Midhurst o'5 in., at Cong o'6 in.; on the 10th at Nottingham 1'7 in., at Hawarden 1'2 in., at Alderley Edge o'7 in., at Wakefield o'5 in.; on the 11th at Rose Hill 1'1 in., at Stone 1'2 in., at Hartwell Rectory 1'2 in., at Linslade 1'2 in., at Cardington 1'4 in., at Bedford 1.5 in., at Ennis 0.9 in., at Norwich 1.2 in., at Holkham 1.3 in., at Cong 0.7 in., at Alderley Edge o 5 in., at Bowdon o 7 in., at Wakefield o 9 in., at Leeds o 8 in.; on the 12th at Lewisham 1 · 2 in., at Greenwich o · 8 in., at St. John's Wood 1 · 0 in., at Bicester 1 · 0 in., at Royston 1 · 1 in., at Ennis o · 6 in., at Grantham 1 · 0 in., at Manchester o · 8 in.; on the 13th at North Shields 1.6 in.; on the 14th at Newport o.5 in., at Southampton o.5 in., at Midhurst o.7 in., at Stone o.5 in., at Hartwell Rectory o 7 in., at Royston o 8 in., at Bedford o 5 in., at Norwich o 7 in., at Wakefield o 8 in., at Leeds o 8 in., at North Shields I o in.; on the 15th at Guernsey I o in., at Falmouth o.5 in., at Newport o.5 in., at Ryde o.6 in., at Southampton o.8 in., at St. John's Wood 1.0 in., at Grantham o. 5 in., at North Shields o. 8 in.; on the 16th at Newport o. 7 in., at Ryde o. 5 in., Midhurst 0.5 in., at Nottingham 0.6 in., at North Shields 1.6 in.; on the 19th at Guernsey 1.0 in., at Falmouth o.6 in., at Lewisham o.6 in.; on the 20th at Guernsey o.5 in., at Falmouth 1.2 in., at Southampton o:8 in.; on the 21st at Guernsey o·5 in., at Falmouth o·8 in., at Newport o·6 in., at Ryde o·6 in., at Southampton o·9 in., at Midhurst o·7 in., at Bicester o·5 in., at Norwich o·6 in.; on the 23d at Falmouth i·1 in., at Newport o·5 in., at Ryde o·5 in., at Worthing o·7 in., at Grantham o·6 in.; on the 24th at Guernsey o·8 in., at Newport o·5 in., at Ryde o·5 in., at Ryde o·5 in., at Worthing o·7 in., at Southampton o·9 in., at Midhurst o·6 in., at Ennis o·7 in., at Cong o·8 in., on the 25th at Falmouth o·5 in., at Southampton o·7 in., at Midhurst i·1 in., at Ennis o·8 in., at North Shields I·6 in., on the 26th at Nottingham o 5 in., at Wakefield o 8 in., at Leeds o 8 in., at North Shields I 6 in.; on the 26th at Guernsey o 8 in., at Newport o 5 in., at Southampton I · I in., at Uckfield I · I in., at Lewisham 1.0 in., at Greenwich 1.0 in., at St. John's Wood 0.7 in., at Enfield 0.5 in., at Norwich 0.5 in., at Cong 0.5 in., at Stonyhurst 0.8 in., at Durham 0.6 in., at Glasgow 1.2 in.; on the 27th at Guernsey 0.8 in., at Falmouth 0.5 in., at Newport 0.6 in., at Worthing 0.9 in., at Midhurst 0.5 in., at Enfield o 5 in., at Grantham o 6 in., at Holkham o 6 in., at Stonyhurst o 5 in.; on the 28th at Ennis o 7 in., at Durham o 5 in.; and on the 29th at Ryde o 5 in. On 4th December at Manchester 0.7 in., at Stonyhurst 1.1 in., at Glasgow 0.8 in.; on the 5th at Falmouth 0.8 in., at Bowdon o.6 in., at Stonyhurst 1.8 in.; on the 6th at Guernsey o.6 in., at Norwich o.5 in.; on the 7th at Midhurst o.6 in.; on the 8th at Jersey o.9 in., at Newport o.6 in., at Ryde o.8 in., at Worthing o.6 in., at Durham o.6 in., at North Shields o.8 in.; on the 11th at Falmouth o.5 in., at Glasgow o.7 in.; on the 12th at Glasgow o.9 in.; on the 14th at Guernsey o.6 in.; on the 15th at Newport. o·5 in., at Ryde o·5 in., at Southampton o·5 in., at Midhurst o·6 in., at Stonyhurst o·5 in., at Durham o·6 in., at North Shields o·6 in.; on the 16th at Stone o·8 in., at Hartwell Rectory o·9 in., at North Shields o·8 in.; on the 17th at Jersey o·8 in., at Guernsey o·6 in., at Worthing o·5 in., at Southampton o'5 in., at Uckfield 1'0 in., at Midhurst 0'5 in., at Leeds 1'3 in., at North Shields o.6 in., at Glasgow o.9 in.; on the 18th at Newport o.5 in., at Worthing 1.2 in., at Southampton o'5 in.; on the 19th at Glasgow 1'1 in.; on the 20th and 21st at Stonyhurst o'5 in. fell on each day; on the 24th at Manchester o'7 in., at Wakefield o'5 in.; on the 25th at Guernsey 1'1 in., at Glasgow o.6 in.; on the 26th at Jersey 1.0 in., at Falmouth o.7 in., at North Shields 1.3 in.; on the 27th at Newport 0.5 in., at Ryde 0.5 in., at Southampton 0.8 in., at Midhurst 0.8 in., at Stony. hurst o.6 in., and at Glasgow o.7 inches.

Fog was prevalent on 20 days in October, but general on 19th and 20th only; it was present 17 days in November and 14 days in December, but was not general on any day.

Hail fell on 23 days in the quarter at the different stations.

Auroræ were seen on 5th, 23d, 24th, 25th, and 26th October at Stone. On 3d November at Oxford, Stone, Nottingham, Liverpool, and Dunino; on the 7th at Hawarden; on the 8th at Stonyhurst; on the 11th at Lewisham and Greenwich; on the 18th at Stone; and on the 30th at Liverpool. On 6th December at North Shields and Dunino; on the 9th at Rose Hill; on the 10th at Dunino; on the 12th at Stone; on the 15th at Grantham; and on the 20th at Stone.

Solar Halos were seen on 17 days within the quarter.

Lunar Halos were seen on 26 days in the quarter, that on December 25th was seen triple at

Liverpool.

Snow fell on 10th November at Stonyhurst; on the 11th at Mansfield, Gainsborough, Manchester, Wakefield, Leeds, and Stonyhurst; on the 12th at Stonyhurst; on the 28th at North Shields; on the 29th at Bicester, Linslade, Bedford, Durham, and North Shields; and on the 30th at Bedford and Grantham, and at North Shields (sleet). On 22d December at Durham.

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	Air	the	0	ure. Monthly Range of	in	the			WIND.		RAIN	. II	eight	N.	le Amount of vertical column	bic	the
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Jersey	in.	0 0	035.01	0 0	535.0	KO:1/18		2.3	S.W. & N.W.	6.3	60 lin		gr. 0:4	0.912	in.	gr. 534	feet.
Guernsey		51.661		5.818.				1.7	S.W.	7.3	67 22	3 4.0		0.904		534	123
Helston		51°8 67	032 01			50.048		2.5	S.W. & W.	7.0	64 18°	9 4 40	0.6	0.885	4.8	531	106
Falmouth	00.404		031.01			100 1 1 1		1.5	S.W. & S.	7.9	72 21		0.7	0°847	1.5	F04	120 55
Truro Torquay	29 424		03201					$ \begin{array}{c c} 0.7 \\ 2.9 \\ \end{array} $	S.W. S.W. & N.E.	6*9	67 22° 66 23°			0.887	4°5 4°3	534	160
Exeter	29°404		8 26 5 1					1.6	W. & S.W.	6.2	67 18	8 3.8	0.3	0.926	4.5	535	140
Ventnor	29°419	51.461	0 34 0	7.1 23.	3 27 0	- 48	'3] -	-	S.W. & W.		67 17	2 4'1	0°4	0.010		532	150
Newport Ryde			$\begin{array}{c c} 328.11 \\ 026.91 \end{array}$					5.6	S.W. Var.	7.1	65 22° 71 20°			0°871 0°844	4°4 4°2	537 535	28 110
Worthing			332.6					_	S.W.	-0	61 18			0.887	4.3	000	25
Chichester		47°3 61°	0 28.01	0.3 26.	7 33*0	- 44	'I -		S. & N.W.		- 16°	1 -	- 1	-	_		23
Southampton			028.81)*4	S.W.	6°5	57 20°		0°4	0.905		536	60
Uckfield Midhurst	29°457		$\begin{array}{c c} 0 & 26 & 0 & 1 \\ 2 & 26 & 5 & 1 \end{array}$					L*8	S.W. & W. S.W.	7.9	62 19° 54 19°			$0.851 \\ 0.919$	4°1 4°3	537	180 84
			630.41					9.6	š.w.	8.0	58 12			0.863		537	82
			031.01					-	S.W. & N.E.	7.6	56 12			0.808		536	159
			$03701 \\ 82901$					L*5	s.w.	8.1	65 11° 56 12°			0°800 0°897		533 537	96 150
Enfield			529.01						S.W.	-	61 10.			0.880		537	76
Rose Hill		46'1 64'	026 01	2.430.	638 0	44.7 43	0 2	2.2	S.S.W. & S.W.	7.1	60 12			0.904	4.0	535	270
Bicester Radcliffe Observatory	90,450		025.51					2°0	S.W. & S. Var.	7:1	51 10° 58 13°			0°884 0°869		534	210
			8 27 8 1).7	S.W. & S.	6.4	68 11.			0.885		535 533	320
Hartwell House -	29°424	47 4 63	02901	2.2 30.	134.0	45°3 42°	8 1	1.1	S.W. & S.	6°4 7°3		- 3.4	0.6	0.860	4.0	533	250
			7 29 0 1), 9	S.W. & S.	5°9	63 11.			0.219		534	290
Aylesbury Linslade			$02701 \\ 02701$),8	S.W., S., & W.	6.6	64 13° 56 10°			0°794 0°872		534	284 313
Royston			430.41					— İ	S.W. & S.	7.1	79 10.			0.806		538	271
Cardington			628.01					F.0	S.W., S., & N.	7.2	56 9			0.906		538	100
Bedford			529.01					F.8	S.W. & S. S. & S.E.	7.5	57 10° 51 11°			0°856 0°877	3°9 4°0	537 539	100 39
Grantham			6 28.5							7.1	63 9.			0.858	3.8	536	190
Derby			026.01				9 -		Var.		62 11.	7 3°3	0.4	0.908	3.9	538	100
Holkham			$03001 \ 52481$					1°3	S.W. & S. S.W. & S.	7.3	56 9° 67 12°			0°866	4°0 3°7	539 533	39 103
Hawarden			530.0					1.5	S.W.	7.2	69 13.			0.816			260
Gainsborough		46 4 62	5 28 5 1	0.4 29.	5 34 0		9 0) 2	S.W. & S.	5'9	56 8°	7 3°3	0.4	0.884	3.8	541	30
Liverpool		47 2 60 44 9 66		6.623		45 6 43		[1]	SW & NF	7°4 8°1	64 11.			0.889		537	37
Manchester Alderley Edge			027 01	4°0 31°3 8°9 28°3				_	S.W. & N.E. Var.	6.2	69 12° 70 11°			0°876 0°880		538 535	137
Bowdon	******	44 7 62	02801	2'1 31'	3340	43.040	8 -	-	S. & S.W.	6.3	84 13	9 3.1	0.4	0.878	3.7	536	
			030.51					5.0	S.W.	7.3	66 11			0.860		538	115
			$024.01 \\ 727.41$					3.8	S.W. & N.E.	8.7	67 12° 67 21°		0.8	0°782 0°893	3'5 3'7	536 534	138 381
York	29*369	44°3 62'	0 25 0 1	0.5 58.0	0 37.0 4	42*8¦40*	9 -	-	- S.W. & S.	-	60 10°	4 3 2	0.4	0.893	3.7	540	50
Whitehaven	29*319	45'5 61'	0 26.5	6.6 56.3	334.2	43.9 41.	9 2		S.W.	-	66 19			0.882		537	90
			1 27.5 0 28.0					3	Var. S.W.	7.2	60 10° 38 17°			0°892 0°851		534 537	352 121
North Shields		43.8 61.		$\frac{-}{7.5}$ $\frac{20}{26}$				2.5	S.W. & N.W.	7.0	70 23			0.915		541	124
Glasgow			- -		1-1	- -	-		W. & S.W.	-	59 16°	7	-				121
Dunino	29.308	41.757	023.01	1.331.	034.0	10.037	6 2	2"1	S.W. & S.E.	5°2	52 13	7 2.9	0.2	0.871	3'4	537	250
			-	ORDER DESIGNATION OF		1	-	-	t represents that	730	0.1		7				

The mean of the numbers in the first column is 20°417 inches, and it represents that portion of the reading of the barometer due to the pressure of air; the remaining portion, or that due to the pressure of water, is 0°293 inch; the sum of these two numbers is 20°710 inches, and it represents the mean reading of the barometer for the quarter at the level of the sea.

The highest readings of the thermometer in air were 67°°0 at Jersey, Helston, and Chiswell Street, and 66°°0 at Manchester. The lowest readings were 23°°0 at Dunino, 24°8 at Nottingham, and 25°°0 at York. The least daily ranges of temperature took place at Guernsey, Liverpool, Whitehaven, Ventnor, and Worthing; and the greatest at Midhurst, Manchester, Ryde, Wakefield, and Aylesbury.

Rain fell on the least number of days at Newcastle, Bicester, Norwich, and Dunino; and on the greatest number at Bowdon, Royston, Falmouth, and Ryde. The least falls took place at Gainsborough, Cardington, Grantham, and Holkham; and the mean amount at these places is 9°6 inches. The largest falls occurred at North Shields, Torquay, Truro, Guernsey, and Newport, and their mean is 22°7 inches.

QUARTERLY METEOROLOGICAL TABLE for different Parallels of Latitude.

PARALLELS OF LATITUDE, &c.	Temperatu	of Highest Thermome	Lowest Readin	ange	Average Monthly Range of Temperature.	Average Quarterly Range of Temperature.	Mean Temperature of Evaporation.	Mean Temperature of the Dew Point.	Mean Amount of Cloud.	Average Number of B	ce fall.	Mean Weight of Vapour in a cubic foot of Air.	Mean additional Weight required to saturate a cubic foot of Air.	Mean degree of Humidity.	Mean whole Amount of Water in a vertical column of Atmosphere.		Mean Height above the Sea level.
In the Counties of Cornwall and Devonshire Newport and Ryde South of latitude 51° Between the latitudes of 51° and 52° Between the latitudes of 52° and 53° Between the latitudes of 53° and 54° Liverpool and Whitehaven Durham, Newcastle, and North Shields Dunino	49.0 48.0 46.7 45.9 45.0 46.3 44.2	63 2 62 1 62 9 63 1 62 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	29°9 1 27°5 1 28°4 1 28°2 1 28°2 1 22°7 1 29°5 27°9 23°9 1	2·1 1·3 1·8 0·9 1·5 6·6	30°0 29°0 30°0 30°1 30°2 24°8 27°2	35.7 33.7 34.8 34.9 34.9 31.4 32.1	47°0 46°7 44°9 44°2 43°1 44°7 42°7	44°3 44°3 42°7 42°1 40°9 42°8 40°7	7°0 7°2 7°4 7°2 7°3 7°2 7°4 7°1 5°2	68 59 59 61 68 65 56	in. 21.0 21.0 18.8 11.9 10.7 12.7 15.4 11.3 13.7	gr. 3°8 3°6 3°6 3°3 3°1 3°4 3°2	0°6 0°6 0°5 0°5 0°5 0°4	0°868 0°858 0°872 0°879 0°859 0°886 0°886	in. 4.5 4.3 4.3 4.0 3.9 3.6 4.0 3.8	gr. 533 536 536 535 537 537 537 537 537	feet- 116 69 93 219 118 159 64 199 250

In the formation of this Table the results from Jersey and Guernsey have not been combined, on account of the difference between the ranges of temperature of the two places. The results from Ventnor are not combined, on account of the much higher temperature, and less range of temperature than those at the other stations in the Isle of Wight. The results from Chiswell Street have also not been combined.

	Mean Weight of Air	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
rtieal	nk olony ngeM of Vater in a ver comta do munico	100rrur001 1144444444444044644 1 444044444444949494949494949494949494949
74110	Mean Degree of Humidity.	88888888888888888888888888888888888888
or b	Mean additi Weight required saturate s e foot of Air.	
	Mean Weight Vapour in a c foot of Air.	maaaaaaaaa
Rain.	Amount col- lected.	
R	Number of Days	822424242422233232222222222222222222222
10	Mean Amount Cloud.	
Wind.	noiteetion.	S. S
	Estimated Strength.	######################################
Tem- tre of	Dew Point.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Mean Tem- perature of	Evaporation.	○ 2588253621
	Mean Daily Range.	904-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
	Mean of all the Lowest.	64434444444444444444444444444444444444
r.	Mean of all the Highest.	$\begin{array}{c} \mathfrak{o}^{D}\mathfrak{d}^{D}^{D}\mathfrak{d}^{D}^{D}\mathfrak{d}^{D}^{D}\mathfrak{d}^{D}^{D}^{D}^{D}^{D}\mathfrak{d}^{D$
Temperature of the Air.	Range in the	0 % 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
ture of	Lowest.	• 488446888888988888888888888888888888888
mpera	Highest.	488846886988868888888888888888888888888
Te	Adopted.	0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
	From Self- registering Therm.	0.524-52-52-52-52-52-52-52-52-52-52-52-52-52-
	From Dry Bulb Ther- mometer.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Range of Barom Readings in Month.	### 11.1488
ssure of	Water or Elas- tic Force of Vapour.	######################################
Mean Pressure of	Air and Water, or Mean Read- ing of the Ba- rometer.	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
Year 1852.		DNOODNOTE STATE OF ST
	NAMES of STATIONS and OBSERVERS.	JERSEY, GUERNSEY, DL. HOSKINS, F.R.S., M.B.M.S. HELSTON, M.P. MOYLE, ESQ. FALMOUTH, LOVELL SQUIRE, ESQ. EDWARD VIVIAN, ESQ. EXETER, DR. SHAPTER, M.B.M.S. VENTNOR, ISLE OF WIGHT, DR. MARTIN. NEWPORT, J. C. BLOXAM, ESQ., M.B.M.S. RYDE, BENJAMIN BARROW, ESQ., M.B.M.S. W.G. BARKER, N.B.M.S. CHICHESTER, W.G. BARKER, G. BULARD, CHARLES PRINCE, CHARLES PRINCE, R.B. BULARD, G. BULARD, R.B. M.S. C. BULARD, Secretary B.M.S. ROYAL OBSERVATORY, THE ASTRONOMER ROYAL.
	z	JERSEY, GUERNSEY, DR. HOSKINS, F HELSTON, M. P. MOYLE, E FALMOUTH, LOVELL SQUIRE TORQUAY, EDWARD VIVIA EXEFTER, DR. SHAPTER, J. C. BLOXAN, J. G. BLOXAN, J. G. BLOXAN, J. G. BLOXAN, J. G. BLOXAN, J. DR. SHARER M.B. M.S. WORTHING, WORTHING, W. G. BARKER M.B. M.S. CHICHESTER, WA. HILES, ESS CHICHESTER, WA. HILES, ESQ., UCKFIELD, CHARLES PRING M.B. M.S. C. BULARD, ESQ., UCKFIELD, C. BULARD, ESQ., UCKFIELD, C. BULARD, ESG. LEWISHAM, Mr. W. RICHA Secretary B.M. Secretary B.M. Secretary B.M. ROYAL OBSERV THE ASTRONOM

Torquay:—October, The reading of the barometer is evidently erroneous by nearly half an not, and those may be competed from 1 bear 1. Like the barometer readings are as sent;
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	NAMES of STATIONS and OBSERVERS.	CHISWELL STREET BREWERY, DAVID SLATE, ESQ., M.B.M.S. ST. JOHN'S WOOD, REDGE LEACH, ESQ., M.B.M.S. ENTELD, ROSE HILL (near Oxford), REV. John SLATTER, F.R.A.S., M.B.M.S. BICESTER (Oxon), W. JOHNSON, ESQ. M.B.M.S. RADCLIFFE OBSERVATORY, OXFONDS OBSERVATORY, OXFONDS OBSERVATORY, F. VINCENT FASEL, ESQ., M.B.M.S. HARTWELL RECTORY, F. W. J.B. KEADE, F.R.S., M.B.M.S. HARTWELL RECTORY, F.R.S., Trea. B.M.S. HARTWELL RECTORY, REV. J.B. KEADE, F.R.S., M.B.M.S. HARTWELL RECTORY, REV. J.B. KEADE, F.R.S., M.B.M.S. HARTWELL RECTORY, REV. J.B. KEADE, F.R.S., M.B.M.S. HARTWELL RECTORY, F.R.S., Trea. B.M.S. AYLESBURY, THOMAS DELL, ESQ., F.R.A.S., M.B.M.S. LINSLADE, JOHN OSBORN, ESQ., Jun., M.B.M.S. GRADINGTON (Hertfordshie), BREAD, ESQ., F.R.A.S., Pres. B.M.S. BEDFORD, JOHN OSBORK, ESQ., F.R.A.S., M.B.M.S. GRANTHAM, J. W. BROOKE, ESQ., F.R.A.S., M.B.M.S. JOHN DAVIS, ESQ., K.B.M.S. BURNTAMA, J. W. BROOKE, ESQ., F.R.A.S., M.B.M.S. S. NHELLABBAR, ESQ., M.B.M.S. S. SHELLABBAR, ESQ., M.B.M.S. S. SHELLABBAR, ESQ., M.B.M.S. S. SHELLABBAR, ESQ., M.B.M.S. SSHELLABBAR, ESQ., M.B.M.S.

Aylesbury:—The readings of the barometer are not good, evidently owing to the instrument not being good. Hartwell House:—Reading of the barometer was altered conjecturally, October 26th, 3h. P.M., from 29°840; and 24th, at 3h. P.M., from 29°804 is 28°804; November 8th, 3h. P.M., from 29°840; and 24th, at 3h. P.M., from 29°305 to 29°209. Enfield:—The readings of the barometer are all too low, particularly in October and December. Bioester:—Reading of the barometer, November 9th, at 9h. A.M., altered from 30°202 to 30°002. Hartwell Rectory:—Reading of barometer, December 28th, at 6h. P.M.,

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	NAMES of STATIONS and OBSERVERS.	HIGHFIELD HOUSE, Nottingham, M.B.M.S. HAWARDEN, DR.MORFAT, F.R.A.S., M.B.M.S. GAINSBOROUGH, T. DYSON, ESQ., M.B.M.S. LIVERPOOL OBSERVATORY, JOHN HARTNUP, ESQ., F.R.A.S. MANCHESTER, GEORGE V. VERNON, ESQ., M.B.M.S. ALDERLEY EDGE, CHESHIRE, J.W.LONG, ESQ., F.R.A.S., M.B.M.S. ATTHUR NEILD, FRISON, W. R. MILNÊR, ESQ., M.B.M.S. LEEDS, HENRY DENNY, ESQ. STONYHURST, HENRY DENNY, ESQ. WHITTEHAVEN, J. E. MILLER, ESQ., W.B. M.S. M.S. GLASGOW, W.B. MELLIS, ESQ., WILLIAM ELLIS, ESQ., REWCASTLE, G. MURAS, ESQ. RORTH SHIELDS, ROBERT SPENCE, ESQ. GLASGOW, R. D. THOMSON, M. D., F.R.S.E., M.B. M.S. DUNINO, DAVID TENNANT, ESQ., M.B.M.S.
		HIGHFI MESER M.B HAWARR DB. M.B CAINSB T. DER JOHN JOHN JOHN WAKEF W. B. LEEDS, HENS, JOHN WHITTE JOHN WHITTE DURHAA WILL NEWCA G. M. B REV. TE M. B M. B DURHAA WILL NORTH ROBER GLASGG R. D

Hawarden, October.—Reading of barometer is 0.2 too low. Gainshorough.—The readings of the barometer, 29.40s. Leeds.—The reading of the barometer, 10th November, at 8h. A.M., for 29.77s read 29.70s. Leeds.—The reading of the barometer, 10th November, at 9h. A.M., for 29.77s read 29.00s. Leeds.—The reading of the barometer, 10th November, at 9h. A.M., for 30.30s read 30.00s. These alterations have been made in the formation of the Tables. North Shields.—All the readings of the barometer are too great; not used in subsequent stages. Notr.—Second rain gauges are placed at Newport at the height of 3 feet; the amount collected was 21.3 inches. At Midhurst, 31 feet; the amount was 11.5 inches. At Cardington, 36 feet; the amount was 8.4 inches. At Norwich, 31 feet; the amount was 10.1 inches. At Holkham, 4 feet; the amount was 9.0 inches. And at Highfield House, 25 feet; the amount was 11.9 inches.

REGISTRARS' NOTES.

In compliance with the following instruction, remarks have in many instances been appended by the Registrars to their Returns; from which the following Notes have been selected. alone must be considered responsible for the opinions which they express.

INSTRUCTION TO REGISTRARS:-

"If at any time the Deaths or Births registered during the quarter have been above or below the average, state whether Epidemics, such as Measles, Typhus, Cholera, &c. have prevailed in the Sub-district,—or if there is any other fact in the character of the weather, sanatory arrangements, movement of the population, &c., which will account for the circumstance."

The figures refer to the number of the District and Sub-District. The name of the District is in SMALL CAPITALS, that of the Sub-district in italics.

II. SOUTH-EASTERN DIVISION. 2. KENT.

67. 2. FAVERSHAM; Faversham.—Births 75; Deaths 70. Deaths about 28 above the average. Measles and typhus have prevailed.

3. Sussex.

83; 2. Cuckfield,—Births 50; Deaths 48. Scarlatina and typhus prevalent.
86; 1. Steyning; Shoreham.—Births 129; Deaths 49. Births above the average in consequence of the increased amount of buildings and population in the district. The deaths are below the average, particularly taking into consideration the increase of population. The superior character of the houses recently built and occupied by the labouring class greatly contributes to health, the drainage and ventilation being good.

4. Hampshire.

96; 2. Portsea Island; Portsea Town.—Births 125; Deaths 112. The deaths are considerably

above the average. 26 are cases of fever, principally typhus.

105; I. SOUTHAMPTON; Southampton.—Births 340; Deaths 231. Of the deaths there were registered in October 70, November 60, and in December 101. The excess therefore is in December, which may be chiefly attributed to the state of the weather, which has been almost constantly wet; nearly half of the deaths registered in that month have been from disease of the respiratory organs. The deaths from fever of all kinds have been only 5 in October, 6 in November, and 8 in December, including one from "malignant fever," supposed to have been yellow fever, the deceased having been one of the engineers of the "La Plata" steam ship from the West Indies, which lost several on board from that fever.

108; 1. STOCKBRIDGE; Broughton.—Births 24; Deaths 19. Fever prevails in my district and must continue, unless some steps be taken to prevent its spread. Since the 1st of August last upwards of 90 cases of fever have been attended by me in East Tytherly alone. If there had been proper cottage accommodation, ventilation, and removal of nuisances it is probable the disease might have long ago ceased. Under one roof in two rooms (and one of them a small one) 14 persons sleep. In one room the mother of one family lies delirious, and in the adjoining room the mother and daughter of the other both ill of fever. I beg to state the names and ages of the individuals to show how little chance there is of getting rid of the disease. In bed-room No. 1. lying every night:— Harriet Pragnell, age 44, a widow, ill of fever; Thomas, age 20, has been ill; Mary, age 16, recovering; Sarah, age 14, still ill; William, age 12, recovered; George, age 10, not yet ill; Amelia, age 8, not yet ill. In bedroom No. 2.:—Henry Pragnell, age 45; Elizabeth, age 41, very ill; Josiah, age 19, recovered; Elizabeth, age 15; Annie, age 8; Messiah, age 6; Isabel, age 3. Nuisances surround the cottages; there is defective drainage on a clay soil. If this state of things existed in a large city an inspector would ere this have visited the locality, and put some sanatory measures in force. In Broughton fever has raged and is still existing in a very swampy locality. This state of things might be altered at a little expense, but as it is not compulsory to do so, it is not done. At Wallop fever has been fatal in some instances. Croup has been very prevalent and fatal.

5. Berkshire.

- 121; 1. HUNGERFORD; Kintbury.—Births 40; Deaths 33. Scarlatina has been very fatal to
- 124; 2. Wantage; Ilsley.—Births 44; Deaths 46. Scarlatina has been very prevalent in the parishes of Chaddleworth and Fawley.

III. SOUTH MIDLAND DIVISION. 7. HERTFORDSHIRE.

138; 3. Ware: Births 50; Deaths 32. Owing to the unprecedentedly long continuance of wet weather there has been an unusual prevalence of rheumatic and intermittent fevers, though not in many instances fatal. The season has been prejudicial to the old, and persons of infirm constitutions, amongst whom a number of deaths have occurred, and many of them suddenly.

140; 2. ROYSTON; Royston.—Births 85; Deaths 55. Typhus has prevailed in the sub-district, more particularly at Ashwell, where much filth has accumulated, and very many cottages have no

privies.

143; 2. Hatfield; Welwyn.—Births 17; Deaths 17. Measles has been exceedingly prevalent, but in no case proved fatal.

8. Buckinghamshire.

151; 4. AYLESBURY; Waddesdon.—Births 50; Deaths 54. The deaths are many more than the quarterly average. Typhus and other fatal diseases have for many weeks visited several parishes, and are now scarcely abated. The parishes of Whitchurch and Aston Abbot's more particularly have suffered from typhus.

152; 1. Winslow; Winslow.—Births 73; Deaths 46. Scarlatina and typhus have been very

prevalent in some of the villages, but in a mild form. Few deaths have occurred.

9. Oxfordshire.

155; I. Henley.—Births 102; Deaths 68. Measles has been and is now prevalent, but as yet few cases have proved fatal. There have been several deaths from pneumonia after measles.

10. NORTHAMPTONSHIRE.

169; 2. DAVENTRY; Daventry.—Births 79; Deaths 66. The deaths are considerably above the average, which I attribute partly to the prevalence of measles, typhus, and diarrhea.

170; 3. Brixworth,—Births 23; Deaths 28. Six cases of low typhoid fever have

been fatal.

- 171; 2. Wellingborough; Higham Ferrers.—Births 61; Deaths 41. Deaths above the average. Typhus very prevalent, with a great deal of general sickness. Small-pox prevailed, but there were no fatal cases. The continual floods and moist mild weather have been far from conducive to health.
- 172; 1. Kettering.—Births 87; Deaths 48. Both births and deaths are somewhat over the average. There has been a great amount of sickness for the past three months, in a great measure attributable I imagine to the very unusual amount of rain and dampness of the season. Small-pox has proved fatal to 13 persons out of upwards of 400 cases in the parish of Kettering, which contains 5000 inhabitants. 11 of the above had not received vaccination, though it is gratuitously performed, and the 2 others were only vaccinated a few days before death, when the disease was already in the system. There is also great want of precaution, especially among the lower classes, in mixing with the infected before they are thoroughly recovered. The disease, which is of a mild character, is on the increase, many fresh cases having occurred during the past week.

175; 3. Peterborough; Crowland.—Births 78; Deaths 66. Typhus has been prevalent in

the parish of Eye, and was fatal in several instances.

II. HUNTINGDONSHIRE.

176; 2. Huntingdon; Sawtry.—Births 16; Deaths 17. Deaths are a little above the average, fever having prevailed at Woodwalton; it was fatal in 4 cases.

12. Bedfordshire.

179; 6. Bedford and Cardington.—Births 87; Deaths 55. The mortality is below the average, although fever has prevailed, and 5 deaths from it were registered. This disease has been the most prevalent and fatal where local causes abound in the shape of crowded, ill-ventilated, and filthy cottages, surrounded by offensive cesspools, privies, drains, and stagnant water.

183; 3. LEIGHTON BUZZARD; Ivinghoe.—Births 31; Deaths 17. Typhus is prevailing at Ched-

dington.

183; 4. Leighton Buzzard; Edlesborough.—Births 28; Deaths 25. There has been fever in part of the district, where the houses are crowded together, and built without any conveniences. seems to me that the way to mend this would be to appoint an officer whose duty it should be to examine the plans of all buildings, and if they were not decent and convenient he should have power to prevent their being built.

184; 2. LUTON; Luton.—Births 159; Deaths 101. This Return shows an increase in the deaths of nearly one fifth, which I imagine may be accounted for by the prevalence of typhus and continued

13. CAMBRIDGESHIRE.

186; 2. CHESTERTON; Fulbourn.—Births 81; Deaths 51. I do not know of any epidemics,

except typhus in the parish of Cherry Hinton; it was fatal in 2 cases.

189; 2. NEWMARKET; Newmarket.—Births 50; Deaths 31. I think it speaks well for this district that although Burwell is now inundated, and about 2000 acres of land under water, I have not registered a death since the 14th December in the whole district.

189; 5. NEWMARKET; Soham.—Births 73; Deaths 49. We have had a considerable amount of emigration from this district which may account in some measure for the births being considerably

below the average.

190; 1. ELY; Haddenham.—Births 26; Deaths 17. The mortality is low, and sickness has been less than in 2 previous quarters, though we have been nearly surrounded by water for the last 2 months.

190; 2. ELY; Sutton.—Births 28; Deaths 24. There has been a good deal of typhus in this

district, the result, I believe, of the remarkably wet and unhealthy season.

191; 1. NORTH WITCHFORD; Chatteris.—Births 80; Deaths 53. Although the number of deaths is not much higher than usual, typhus is now prevailing in Chatteris to a great extent, there having been during the last 3 weeks from 60 to 70 cases at one time under medical treatment. There has been least of the disease in the most filthy part of the town, and a considerable number of cases have occurred in single houses standing out on farms in the neighbourhood. There are no fresh cases during the last three or four days.

* 193; 4. WISBEACH; Terrington Saint Clement.—Births 55; Deaths 17.—There has been more illness than usual, chiefly owing, I think, to the continuance of wet weather. 2 cases of typhus fatal.

The sub-district is getting more healthy.

IV. EASTERN DIVISION.—14. Essex.

201; 1. Rochford; Rayleigh.—Births 23; Deaths 33. The deaths are in excess of the average. 12 of them are of children. Hooping-cough and low typhoid fever have prevailed to a considerable

extent. I have had in my own practice more than 130 cases of low fever.

202; I. Maldon; Southminster.—Births 38; Deaths 19. Typhus prevails to a great extent in one solitary parish situated in a valley. The long continued wet weather and locality probably

may account for it.

15. SUFFOLK.

212; 3. Sudbury; Sudbury.—Births 56; Deaths 35. Deaths rather below the average. Scarlatina has been prevalent, but few cases have proved fatal.

16. NORFOLK.

228; 1. Great Yarmouth; Southern.—Births 97; Deaths 83. The excess of deaths is caused by the prevalence of small-pox, 26 having been registered from that disease. None of the sufferers had been vaccinated.

230; 1. Tunstead; Ludham—Births 33; Deaths 29. The prevalence of wet and mild weather has given rise to fevers of a remittent and typhoid character, which have seemed to swell the list of deaths. Emigration appears to have told upon the number of births.
232; I. AYLSHAM; Eynsford.—Births 60; Deaths 42. Measles and typhus have been prevalent

but not fatal.

233; 1. St. Faith; St. Faith.—Births 35; Deaths 30. Deaths above the average. has been very prevalent in the parish of Honingham, but out of many cases only 3 deaths occurred. The situation of the village is rather low, with a river running through it.

234; 5. Norwich; West Wymer.—Births 136; Deaths 97. Typhus has existed to a con-

siderable extent in situations that are low, with bad drainage and ventilation.

236; 2. Henstead; Henstead.—Births 35; Deaths 38. The deaths are above the average,

partly arising from typhoid fever which prevailed, and was fatal in 6 cases.

237; 1. BLOFIELD; Blofield.—Births 29; Deaths 43. Deaths considerably above the average. The weather during the past quarter has been remarkably wet, and fever of a low type prevailed in several parts of the district causing the deaths of 4 persons.

237; 2. BLOFIELD; South Walsham.—Births 60; Deaths 21. Deaths below the average. Typhus has prevailed, but the cases, generally speaking, have been mild. There have been also a few cases of small-pox of a mild character, only one case confluent. The weather has been

remarkably wet, but uniformly mild.

- 242; 3. MITFORD; Bawdeswell.—Births 30; Deaths 22. Typhus has prevailed much in the parish of Lyng, but almost entirely in the vicinity of a foul pool of water, &c. Through the interference of the Board of Guardians and the parish authorities the cause has been removed, and the
- 242; 4. MITFORD; East Dereham.—Births 48; Deaths 40. Typhus has prevailed, but not of a very severe character.
- 244; I. Docking; Burnham.—Births 45; Deaths 51. Scarlatina has increased the number of
- 244; 3. Docking; Docking.—Births 48; Deaths 53. An increase of deaths arises from measles, scarlatina, hooping-cough, and consumption. Up to the present time the weather has been very mild; no snow, and scarcely any frost. A heavy gale arose on the 26th instant, and lasted

40 hours, uprooting trees, demolishing chimneys, and unthatching stacks, &c. 246; 2. King's Lynn; Middle.—Births 62; Deaths 30. I have been able to ascertain, I think accurately, that from January 1st to December 31st, 1852, the number of still-born children was 24. The major part I inquired after, and found the return of the sexton correct.

247; 2. Downham; Downham.—Births 72; Deaths 49. Diarrhea and affections of the mucous membrane of lungs have occasioned most deaths. Fever has generally prevailed, commencing with gastro-enteritic disorder, but cases have been rarely fatal, and those ending in effusion on the brain.

V. SOUTH-WESTERN DIVISION.—17. WILTSHIRE.

Typhus and scarlatina have 255; I. MARLBOROUGH; Marlborough.—Births 59; Deaths 61.

prevailed to a very considerable extent, and generally the district has been very unhealthy.

257; 2. Melksham; Trowbridge.—Births 100; Deaths 62. The deaths are below the average; there were 7 from typhus, and 4 from diarrhea. Only 2 cases of typhus occurred in the town of Trowbridge. Five were at a place called Hilpertons Mash, about half a mile from the town; 3 of these in one family.

259; I. Westbury; Bradley.—Births 22; Deaths 7. The deaths are considerably below the average, although the extreme wetness of the season has been favourable to the production of bronchitis and diseases peculiarly incident to the aged. The health of the district is in a very satisfactory state, attributable to the larger command of the necessaries and comforts of life now possessed even

262; 2. AMESBURY; Amesbury.—Births 28; Deaths 29. The deaths, I regret to say, are more than the average, owing to the fatal prevalence of typhus latterly in the village of Bulford, and now in Amesbury. The deaths in the former place from fever were 7; in Amesbury 4 have been registered. I came through Bulford on my way home last night to learn the truth of matters, and am most happy to state that the temporary hospital (a large well built healthy house kindly lent for the purpose) was unoccupied by patients, and fever complaints were rapidly subsiding. In Amesbury we have also a temporary hospital, airy and healthy, hired by Sir Edmund Antrobus, Bart., for the accommodation of fever patients, and I trust the disease in Amesbury also will, with God's blessing, shortly yield to the means employed to subdue it.

18. Dorsetshire.

275; 4. DORCHESTER; Cerne.—Births 49; Deaths 40. The deaths exceed the average of corresponding quarters. Fever is prevalent.

19. DEVONSHIRE.

279; 1. AXMINSTER; Lyme.—Births 36; Deaths 25. The deaths are much less than in the corresponding quarter last year, which may be accounted for by the rains thoroughly cleansing the sewers, &c., together with recent sanatory arrangements as regards our town river, and the carrying out of the Common Lodging House Act.

281; 1. St. Thomas; East Budleigh.—Births 24; Deaths 28. The number of deaths is much beyond the average, attributable in some degree to the continued humid atmosphere and frequent floods during almost the whole of the quarter. Two deaths from confluent small-pox, unprotected.

- 281; 2. St. Thomas; Exmouth.—Births 70; Deaths 36. The deaths are about the average. There were 10 from small-pox (none after vaccination), the results of ignorance and prejudice. The disease has extended to the village of Lympstone very virulently, and the parents are, if possible, more obstinate against vaccination than in Exmouth. The schoolmaster is much wanted in this
- 281; 6. St. Thomas; Heavitree.—Births 37; Deaths 21. The deaths are below the average, although measles, small-pox, scarlatina, and other forms of fever have largely prevailed. The weather for months past has been wet and stormy. The country round about is deluged. I have The poor people refuse had several cases of small-pox, severe in persons not vaccinated. vaccination.

281; 7. St. Thomas; St. Thomas.—Births 52; Deaths 41. The deaths include 4 cases of fever

and 5 of small-pox (all it is believed without vaccination).

282; 1. EXETER; St. Sidwell.—Births 134; Deaths 122. Deaths above the average. Small pox has been very rife throughout the quarter, and 20 deaths are due to this disease. Diarrhœa has prevailed extensively, but not fatally. The provisions for vaccination are unequal to the prejudices of the lower class.

282; 2. Exeter; St. David.—Births 103; Deaths 90. Deaths above the average. Small-pox has been prevalent. Of the 16 deaths from it, 14 occurred without vaccination. In one case vaccination was performed only two days before variola appeared. In another, that of a person aged 18 years, the fact of vaccination could not be ascertained.

293; 6. TIVERTON; Bampton.—Births 22; Deaths 25. Scarlatina, measles, and synochus have prevailed, which will account in some measure for the increased number of deaths which is decidedly

above the average.

295; I. BARNSTAPLE; Barnstaple.—Births 75; Deaths 60. The deaths are rather above the average, measles and fever having prevailed.

20. CORNWALL.

305; 3. St. Columb; Newlyn.—Births 47; Deaths 28. The prevailing epidemic has been scarlatina, which has about doubled the mortality in this otherwise healthy locality.

308; 2. FALMOUTH; Falmouth.—Births 58; Deaths 93. The deaths exceed the average. I have registered 21 deaths from dysentery, the last from this disease occurred on the 15th November.

310; 1. Redruth; Gwennap.—Births 100; Deaths 69. Diarrhæa prevalent.
310; 4. Redruth; Camborne.—Births 115; Deaths 73. The number of deaths is above the average; the increase being chiefly attributable to the prevalence of typhus, from which 10 have been registered. The part of the town where it has been most prevalent ought, from its naturally elevated position, to have been most exempt, but owing to the neglect of sanatory arrangements in the building of the houses and the drainage of the streets fever generally exists there to a greater or less extent. The weather during the quarter has also been most unusually wet, and I have always noticed that typhus is at such times most prevalent here.

311; 4. PENZANCE; Penzance.—Births 146; Deaths 128. The deaths are still above the average, principally owing to scarlatina, of which I have registered 34 cases. It appears to have subsided.

21. Somersetshire.

319; 5. YEOVIL; Rehester.—Births 27; Deaths 18. District tolerably healthy, with the exception of occasional cases of scarlatina and low nervous or remittent fever. It may be worthy of remark that in a Friendly Society (called the Ilchester District Friendly Society) averaging from 240 to 260 male members for the last four years, there have been but 2 deaths from natural causes since June 1849. This society is composed of inhabitants of the town of Ilchester, or of persons

residing within five miles of the same. The average of their ages most likely from 30 to 35 years.

320; 3. Wincanton; Wincanton.—Births 36; Deaths 35. 12 deaths occurred in the parish of Kington Magna, Dorset, 7 of these from fever. Fever of a very bad type has within the last 3 months made its appearance in this parish. Many of the cottages in this village are small, very crowded, and badly ventilated. Collections of decayed vegetable substances and general refuse crowded, and badly ventilated. Collections of decayed vegetable substances and general refuse have been allowed to accumulate throughout the village, and there can be no doubt that these things produce the frightful scourge from which the inhabitants are now suffering. The Board of Guardians, to prevent its extension to the other parishes in the Union, have supplied all their officers with notices for general and immediate service throughout the Union.

323; 2. Wells; Glastonbury.—Births 84; Deaths 72. The deaths are considerably more than usual on account of scarlatina, which rages, and also of typhus.

326; 3. BATH; Abbey.—Births 89; Deaths 75. Scarlatina has prevailed to some extent, sometimes well marked, but also without a rash, and yet the skin afterwards desquamating. In all the cases I have seen there has been sore throat, and generally troublesome glandular swelling, even proceeding to suppuration.

326; 5. BATH; Walcot.—Births 66; Deaths 62. Small-pox has prevailed in a part of this district inhabited chiefly by the poorer classes; 8 deaths were registered from this cause, the

persons not having been previously vaccinated in any instance.

VI. WEST MIDLAND DIVISION. - 22. GLOUCESTERSHIRE.

329; 3. Bristol; St. Paul.—Births 128; Deaths 112. Deaths rather above the average. Small-pox and hooping-cough have been prevalent, and many fatal cases have been registered.

329; 4. BRISTOL; St. James.—Births 90; Deaths 118. 4 deaths from small-pox, all unprotected. 329; 5. Bristol; St. Augustine.—Births 99; Deaths 89. Small-pox of a character somewhat peculiar has prevailed in a portion of my district. Since the 20th November I have registered 12 deaths from this cause, all of them occurring within a limited area; from Thatched House Lane (the locality chiefly infected) I have had 7 cases; from Partition Street, which adjoins it, 2 cases; from

Limekiln Lane, immediately behind it, one case; and from Lamb Street and Lower Brandon Street, severally distant from it about 200 yards (as the crow flies), one case each. Thatched House Lane is a narrow, imperfectly ventilated avenue, lying on a sloping table of land beneath Brandon Hill and midway between that height and the floating harbour; behind the upper end of it is Waterloo Court, the pavement of which rises nearly to a level with the first floors of the houses in the lane; and the surface and other drainage appears defective, as the place is generally filthy and emits offensive The houses in Thatched House Lane, about 12 in number, are of the smaller kind, some of them being occupied by the lowest order of Irish. Mr. Stansbury, the medical officer of the corporation, into whose hands most of the cases have fallen, is of opinion that the disease is of Irish introduction, as the first case which came under his notice he could trace direct from Ireland; he says he has never before seen it in so malignant a form, the type being generally confluent, and the pustules running into putrid masses with unwonted rapidity; he found his efforts to arrest the ravages of the disease frequently impeded by the ignorance, obstinacy, and dirty habits of many of the parents, who not only neglected to administer the remedies prescribed, but in spite of his repeated remonstrances persisted in loading the patients with warm clothing, and heating the atmosphere of their rooms to an oven-like temperature. In none of the 12 fatal cases registered had vaccination been resorted to. I learn that in some few instances persons who had undergone the Jennerian process took the infection, but it was always in a modified form, while the completeness of the previous vaccination in one or two cases was very doubtful. As the result of much inquiry I find most absurd but widely spread prejudices against vaccination, which it should be the aim of enlightened persons to remove; some object to it from a superstitious fear that it is an impious attempt to arrest the will of the Almighty; others have an equally groundless dread that it will introduce other diseases into the system. In 2 cases registered by me the parents had neglected to call in medical aid; upon my questioning one of the fathers, he stated that some "good women" had seen the child who could do more than any doctor, and that it was of no use for any one to interfere in such circumstances. I have heard of scattered cases of small-pox of a similar type in other parts of the city.

330; 4. CLIFTON; St. Philip and St. Jacob.—Births 245; Deaths 184. Deaths rather above the average. Fever, hooping-cough, and small-pox prevalent.

335; I. NEWENT; Newent.—Births 76; Deaths 49. Scarlatina has been very prevalent, ter-

minating fatally in several instances to children under the age of 10 years.

336; 2. GLOUCESTER; St. Nicholas.—Births 66; Deaths 65. The deaths are above the average. There are 12 from small-pox, 5 from fever, 3 from diarrhea, and one from scarlatina. The continued wet weather and great floods have caused a great deal of sickness in the district.

342; 2. Stow-on-the-Wold; Stow-on-the-Wold.—Births 35; Deaths 28. Malignant scarlatina

has been prevalent, and in several instances fatal.

23. HEREFORDSHIRE.

349; 1. Weobley.—Births 30; Deaths 23. Typhus and scarlatina prevalent.

24. SHROPSHIRE.

353; 2. Clun; Bishop's Castle.—Births 27; Deaths 17. Measles and hooping-cough have been prevalent during the whole quarter, but in no case fatal.

353; 3. Clun; Norbury.—Births 7; Deaths 10. Deaths above the average. Measles prevailed

very much, the weather being very wet and foggy.

353; 4. Clun; Lydbury.—Births 15; Deaths 5. Measles and hooping-cough have been very prevalent, and typhus has also made its appearance. I consider the sub-district in a very unhealthy state at the present time, which is probably owing to the constant rainy weather.

360; I. Shrewsbury; St. Mary.—Births 80; Deaths 95. The deaths do not exceed the ave-

rage, though much sickness has arisen from floods and rains.

362; 3. Ellesmere; Ellesmere.—Births 50; Deaths 45. Scarlatina has been very prevalent,

fatal in 11 cases.

363; 1. Wem; Wem.—Births 42; Deaths 28. I registered the death of a male child aged 3 years from "fever caused by putrescent matter immediately adjoining the house," as certified by the medical attendant. The premises where this case occurred are situated in the New Street in Wem, and consist of a row of 6 small cottages, the privies at the back being so constructed that the only outlets from them are into the pigsties adjoining, into which the refuse runs, and from thence overflows along the back of the cottages, causing, as one of the inmates of the cottages states, an intolerable stench, and so much discolouring the water in the well belonging to the premises as to render it unfit for domestic purposes. There is also a stable under the same roof as one of the cottages, in which a horse is kept, and over which is a bedroom. The sickness and mortality in the above cottages has lately been as follows:—In No. 1. one person is now ill of fever. No. 2. 7 out of 8 of the inmates have been ill, and on the 13th November last a child aged 3 years died from hydrocephalus. No. 3. 4 of the inmates have been ill. No. 4. the death from fever above

alluded to occurred here. In No. 6. one inmate is now very ill of fever. The Guardians of the Union served notices, and the premises were inspected by the Committee on Thursday last, and I believe the accumulations have been removed and the premises made as clean for the present as the occupiers can make them, but so long as the pigsties, &c. remain on their present site it is probable the occupiers will be subject to attacks from fevers, &c., as the slightest increase of rain must cause an overflow from the manure, &c., there not being proper sewerage near the premises. In these remarks I am confirmed by the medical gentlemen who are in attendance on the inmates of the premises.

25. STAFFORDSHIRE.

368; 1. Stone; Stone.—Births 74; Deaths 52. Deaths above the average, from the prevalence of typhus.

368; 3. Stone; Trentham.—Births 36; Deaths 25. Deaths rather above the average. Scar-

latina has been prevalent and fatal amongst young children.

370; 3. Wolstanton; Burslem.—Births 183; Deaths 150. The deaths are 54 above the average of 5 corresponding quarters; 53 were registered in December, and 48 and 49 respectively in October and November. Scarlatina has been very prevalent throughout the quarter. There were from scarlatina 47 deaths; diarrhea 3; croup 2; measles 2; dysentery 1; typhus 3.

371; 2. Stoke-upon Trent; Shelton.—Births 170; Deaths 152. The unusual number of deaths has arisen from the continued prevalence and great fatality of scarlatina no less than 44 having hear

has arisen from the continued prevalence and great fatality of scarlatina, no less than 54 having been registered from that cause. There have been 4 deaths from small-pox, all in persons unvaccinated.

375; 3. Burton-upon-Trent; Gresley.—Births 64; Deaths 67. The deaths have been considerably above the average, scarlatina having been very prevalent for the last 3 months.

379; 7. WOLVERHAMPTON; Bilston.—Births 248; Deaths 182. The deaths show a slight increase over the corresponding quarter of 1851, owing to the prevalence of scarlatina.

380; 1. Walsall; Darlaston.—Births 137; Deaths 78. Scarlatina, hooping-cough, and inflammation of the chest have been prevalent, and the district generally has been in an unhealthy state owing to the long continued wet weather.

26. Worcestershire.

387; 1. WORCESTER; West.—Births 58; Deaths 47. The births and deaths are above the average. The deaths in October were 9; November, 11; and December, 27. I consider that the increased mortality in the last month is principally due to the excessively wet and damp weather, affections of the chest being very prevalent.

27. WARWICKSHIRE.

394; 1. BIRMINGHAM; Lady Wood.—Births 273; Deaths 135. Pulmonary complaints and fever have been very prevalent this quarter. The principal causes of death are fever 15, phthisis 15, bronchitis 12, pneumonia 7, and diarrhœa 6.

397; 1. ATHERSTONE; Atherstone.—Births 100; Deaths 76. Scarlatina caused 24 deaths, 19

of which occurred in the parish of Polesworth.

VII. NORTH MIDLAND DIVISION.—28. LEICESTERSHIRE.

412; 3. HINCKLEY; Earl Shilton.—Births 31; Deaths 38. Scarlatina has prevailed.

414; 1. ASHBY-DE-LA-ZOUCH; Measham.—Births 34; Deaths 24. Scarlatina has prevailed. 414; 3. ASHBY-DE-LA-ZOUCH; Ashby-de-la-Zouch.—Births 69; Deaths 49. Deaths above the

average. Scarlatina and typhus have prevailed.
414; 4. ASHBY-DE-LA-ZOUCH; Whitwick.—Births 57; Deaths 51. The increase in the deaths

is owing to scarlatina.

415; 2. LOUGHBOROUGH; Loughborough.—Births 136; Deaths 121. The deaths are above the average, not so much in Loughborough as in the populous village of Sheepshed, where the mortality has been excessive owing to the prevalence of scarlatina.

30. LINCOLNSHIRE.

423; 5. SPALDING; Moulton.—Births 24; Deaths 15. The deaths considerably exceed the average. During the last five months the atmosphere has been in an unusual state of humidity owing to which, I conceive, very many children have been attacked with a peculiar kind of inflammation of the throat and bronchial tubes, attended with great prostration of strength, and what is singular, on recovery, in many cases, frightful glandular swellings have supervened about the region of the neck, somewhat similar in appearance to what is termed "goitre" in the Alpine regions. Scarlatina is very prevalent, and 2 children in one house have been carried off by it in a very healthy locality. Great numbers have been attacked with this disease, but it has proved fatal in these 2 cases only. One case of measles has occurred; typhus has been fatal in one case. It is to be hoped that the violent winds which have occurred of late, and an atmosphere less saturated with moisture, and affording indication of a positive state of electricity, will arrest the further spread of scarlatina and diseases of the respiratory organs.

430; 3. Spilsby.—Births 79; Deaths 40. The deaths are about the average. There has been no particular disease, but several cases of typhus are now occurring, and from the late long continued rains and the decomposition of vegetable matter in the immediate neighbourhood of the cottages in the fen parts of my district I expect the mortality will be increased in the next quarter.

31. NOTTINGHAMSHIRE.

436; 2. Workson; Carlton.—Births 26; Deaths 23. Scarlatina is prevalent owing to the great quantity of rain during the last quarter, and has proved fatal to several young children.

438; 1. Basford; Greasley.—Births 130; Deaths 77. Fever has been exceedingly prevalent, and in several cases proved fatal. The deaths are above the average.

438; 7. Basford; Wilford.—Births 20; Deaths 29. Small-pox has been very prevalent, 9 deaths having taken place from that disease; all, except one, without previous vaccination.

440; 3. Nottingham; St. Ann.—Births 134; Deaths 108. The deaths exceed by 11 those of the corresponding quarter of last year. Small-pox 3, fever 10, and scarlating 4. Both typhus and scarlating have been very prevalent and I have no doubt that the mortality would have been much scarlatina have been very prevalent, and I have no doubt that the mortality would have been much greater from those diseases had it not been that the working classes generally have been well employed, and consequently have been enabled to provide themselves with every requisite assistance both in food and medicine.

440; 7. Nottingham; Park.—Births 37; Deaths 49. The deaths exceed the average. Fever

has prevailed; 10 cases of typhus and other fever were registered.

32. DERBYSHIRE.

446; 1. Belper; Duffield.—Births 34; Deaths 39. The deaths are rather more than the

average. Scarlatina has prevailed very much.

448; 4. CHESTERFIELD; Echington.—Births 103; Deaths 75. The deaths are above the average. Small-pox, typhus, and scarlatina have prevailed; 6 cases of small-pox, 8 typhus, and 3 of scarlatina were fatal.

VIII. NORTH-WESTERN DIVISION.—33. CHESHIRE.

453; 6. MACCLESFIELD; Sutton.—Births 53; Deaths 70. Deaths 25 per cent. above the average. Typhus, scarlatina, and bronchitis prevalent during the whole quarter.

455; 1. Runcorn; Budworth.—Births 31; Deaths 29. There has been more than the average

number of deaths. Scarlatina has been very prevalent, principally among children.

456; I. Northwich; Weaverham.—Births 55; Deaths 60. Scarlatina and affections of the respiratory organs have been very prevalent, supposed to be owing to the damp atmosphere.

458; 2. Nantwich; Nantwich.—Births 64; Deaths 69. Scarlatina has been very prevalent,

about 30 deaths occurred from this cause.

459; 3. GREAT BOUGHTON; Chester Cathedral.—Births 97; Deaths 134. The deaths are above

the average. Scarlatina has been prevalent.

460; 4. WIRRALL; Wallasey.—Births 46; Deaths 43. Typhus and scarlatina have been prevalent, but are now on the decrease; 3 deaths from the former and 2 from the latter.

34. LANCASHIRE.

- 463; 3. Prescot; Huyton.—Births 32; Deaths 25. The deaths are rather above the average. Scarlatina and dysentery most prevalent, having proved fatal in 4 cases of the former and 5 of the
- 463; 6. Prescot; St. Helen's.—Births 312; Deaths 218. The deaths are 57 above the average of corresponding quarters of the last three years. This district is not healthy, owing, I believe, to so much wet weather. Scarlatina was fatal in 30 cases, diarrhœa in 20.

464; 8. Ormskirk; Ormskirk.—Births 67; Deaths 54. The deaths are above the average.

Measles prevailed and was fatal in 18 cases.

465; i. Wigan; Standish.—Births 50; Deaths 37. Typhus and scarlatina are prevalent, no doubt owing to the damp state of the atmosphere.

465; 2. WIGAN; Aspull.—Births 74; Deaths 69. Scarlatina has been very prevalent, and proved fatal in 24 cases.

465; 3. WIGAN; Wigan.—Births 397; Deaths 219. Typhus, continued fever, and scarlatina

have prevailed.

465; 4. WIGAN; Hindley.—Births 137; Deaths 87. Fevers have been prevalent; there were 18

fatal cases f scarlatina, and 12 of fever.
465; 7. Wigan; Ashton in Macherfield.—Births 48; Deaths 49. The deaths are almost double the average for corresponding quarters in the last 5 years, caused principally by scarlatina and other diseases incident to young children.

466; I. WARRINGTON; Newton.—Births 47; Deaths 53. The deaths are above the average.

owing to scarlatina being so prevalent; it was fatal in 27 cases.

466; 4. Warrington; Warrington.—Births 249; Deaths 138. Scarlatina and typhus have

prevailed.

468; 1. Bolton; Farnworth.—Births 113; Deaths 149. This district has been in a very unhealthy state, and the deaths are nearly three times the average. The increase is to be attributed principally to the prevalence of scarlatina of a very malignant character, 84 deaths having been registered from that disease. Typhus has also been epidemic during the last 2 months, and 4 cases were fatal. The weather has been remarkably damp and unseasonable during the whole of the quarter, with no signs of improvement up to the present time, and the district still remains very unhealthy.

468; 6. Bolton; Tonge-with-Haulgh.—Births 48; Deaths 56. The deaths are again considerably above the average, mainly arising from the prevalence of scarlatina, bronchitis, croup, and

468; 9. Bolton; Sharples.—Births 62; Deaths 49. My district, especially Belmont, has been visited with scarlatina very severely. It has been almost like a hospital. 31 persons have fallen victims to this disease; at present it is somewhat abated.

468; 11. Bolton; Eastern.—Births 250; Deaths 215. Typhoid fever and scarlatina have been

very prevalent during the last 6 months.

468; 13. Bolton; Lever.—Births 61; Deaths 60. Deaths above the average; 32 by scarlatina.

469; 8. Bury; Elton.—Births 76; Deaths 61. Deaths are above the average for the quarter, there having been 16 fatal cases of scarlatina.

- 470; 1. BARTON-UPON-IRWELL; Worsley.—Births 94; Death's 90. There is more than an average of deaths, scarlatina and measles having been very prevalent. The disease is now abated.
- 471; 3. CHORLTON; Chorlton-upon-Medlock.—Births 326; Deaths 204. No epidemic has prevailed, except scarlatina, from which 20 deaths occurred.

471; 4. CHORLTON; Hulme.—Births 605; Deaths 457. Scarlatina has prevailed to a great extent through the entire quarter, and 81 deaths have been recorded from that disease.

472; 3. Salford; Greengate.—Births 391; Deaths 290. Scarlatina and measles have been prevalent during the whole quarter, and several deaths have occurred from fever of a typhoid character. Deaths in October 85, November 98, December 107. The mortality was slightly above the average in the last 2 months.

473; 2. Manchester; Deansgate.—Births 328; Deaths 240. The mortality has been about the average. Scarlatina of a malignant form has been prevalent, and many cases of severe diarrhœa

occurred in December, a somewhat unusual circumstance.

- 473; 7. MANCHESTER; Cheetham.—Births 131; Deaths 79. The deaths are above the average, continued fever and scarlatina have been prevalent; from the latter there were 8 deaths.
- 473; 8. MANCHESTER; Failsworth.—Births 43; Deaths 38. The deaths are above the average. Fever and affections of the chest have been very prevalent. The dampness of the weather may have been the cause of disease.
- 474; 2. ASHTON-UNDER-LYNE; Ashton.—Births 296; Deaths 232. Scarlatina has continued to be prevalent, and 15 deaths were caused by it.
- 474; 3. Ashton-under-Lyne; Audenshaw.—Births 104; Deaths 72. Scarlatina rather pre-
- 474; 5. Ashton-under-Lyne; Newton.—Births 60; Deaths 77. Deaths considerably above the average, which may be attributed chiefly to measles and scarlatina. These diseases have been very prevalent.
- 474; 6. ASHTON-UNDER-LYNE; Dukinfield.—Births 251; Deaths 252. 57 children died of scarlatina.
- 474; 7. ASHTON-UNDER-LYNE; Hartshead.—Births 135; Deaths 131. 37 deaths from scar-
- 475; 1. OLDHAM; Oldham below Town.—Births 313; Deaths 305. Deaths are more than the average, fever and scarlatina have been prevalent. There were 61 deaths from the latter.
- 475; 5. Oldham; Royton.—Births 85; Deaths 56. Deaths above the average. This excess has been caused by the great prevalence of scarlatina, of which there are 12 fatal cases.

- 476; 8. ROCHDALE; Wuerdle.—Births 60; Deaths 75. Deaths above the average. generally supposed that the exceeding dampness of the weather has been the cause of much sickness.
- 477; 1. HASLINGDEN; Newchurch.—Births 177; Deaths 130. There have been many cases of scarlatina.
- 477; 2. Haslingden; Rossendale.—Births 86; Deaths 69. Deaths rather above the average. Scarlatina and typhus having prevailed.
- 477; 5. HASLINGDEN; Accrington.—Births 100; Deaths 109. Deaths above the average. Scarlatina and measles have prevailed; 21 cases of the former and 11 of the latter were fatal.
- 479; 2. CLITHEROE; Staidburn.—Births 12; Deaths 8. Deaths about the average. very prevalent, of a low typhoid character, but not generally fatal.
- 480; 2. Blackburn; Harwood.—Births 67; Deaths 110. Deaths above the average. 67 fatal cases of scarlatina.
- 480; 4. Blackburn; Blackburn.—Births 484; Deaths 446. The deaths are above the average, being 117 more than in the corresponding quarter of 1851; the increase is attributable to scarlatina, synochus, and bronchitis.
- 480; 7. Blackburn; Witton.—Births 66; Deaths 37. There has been a good deal of scar-
- latina in the district generally, and 8 cases were fatal. 481; 1. Chorley; Brindle.—Births 42; Deaths 55. There has been a great increase of deaths over those of the preceding quarter, owing to scarlatina being prevalent amongst children. 21 deaths caused by scarlatina have been registered. The deaths have taken place chiefly in houses situate near
- the cotton mills. The epidemic appears to be abating.
- 483; 2. FYLDE; Lytham.—Births 35; Deaths 40. Scarlatina has been prevalent.
 483; 3. FYLDE; Poulton-le-Fylde.—Births 77; Deaths 53. Scarlatina has prevailed extensively in Layton-with-Warbrick and Marton. In Fleetwood it has happily subsided. It is remarkable that we have scarcely had a fair day during the last 3 months. The storms of the 25th and 27th
- December have done immense damage in my district.

 485; I. LANCASTER; Ellel.—Births 37; Deaths 20. The deaths are above the average. Typhus has prevailed.
- 485; 2. LANCASTER; Heaton.—Births 16; Deaths 17. Scarlatina has prevailed. 485; 5. LANCASTER; Wray.—Births 9; Deaths 23. Scarlatina has been very prevalent and fatal
- 486; 3. ULVERSTONE; Ulverstone.—Births 100; Deaths 67. 5 deaths have been registered from small-pox, 6 from scarlatina, and 3 from typhus. Small-pox is still prevalent, though every effort is made by the public vaccinator and other medical gentlemen to promote vaccination.

IX. YORK DIVISION.—35. WEST RIDING.

- 488; 1. Settle; Bentham.—Births 44; Deaths 33. Scarlatina prevailed, and 15 cases were
- 489; 4. Skipton; Kildwick.—Births 49; Deaths 41. The deaths are above the average, 10 having occurred from scarlatina.
- 491; 2. RIPON; Ripon.—Births 67; Deaths 52. Scarlatina has been very prevalent, and caused
- 13 deaths. 494; 2. Keighley.—Births 224; Deaths 139. Deaths are above the average; 36
- were from scarlatina. 495; 1. Todmorden; Hebden Bridge.—Births 117; Deaths 71. We have had much sickness in
- this district. Fevers of a continued and typhoid character have prevailed.

 496; I. SADDLEWORTH; Delph.—Births 88; Deaths 69. The deaths are about 15 over the average, which is accounted for by the long continuance of damp, foggy, and (for the season) warm weather, which has taken off many old people. Scarlatina has been extremely prevalent amongst children, but only about 3 cases were fatal.
- 497; 2. HUDDERSFIELD; Meltham.—Births 52; Deaths 42. The deaths are above the average, and exactly the same as those of last quarter. Typhus and scarlatina, but especially the latter, continue to prevail.
- 497; 7. HUDDERSFIELD; Almondbury.—Births 87; Deaths 75. Typhus and scarlatina have been
- very prevalent. I have registered 9 cases of the former and 7 of the latter. 497; 9. HUDDERSFIELD; Huddersfield.—Births 296; Deaths 245. Deaths a little above the average, owing to typhus and scarlatina being very prevalent; there having been registered 39 from typhus and 16 from scarlatina.
 - 498; 2. Halifax; Brighouse.—Births 90; Deaths 57. Typhus has prevailed more or less during
- the whole quarter, and proved fatal in 6 cases. 498; 10. Halifax; Northowram.—Births 198; Deaths 117. Small-pox has been very prevalent in some parts of my district. There have been some deaths recorded of adults whom this epidemic has been fatal to, and who had not been vaccinated.

499; 1. Bradford; Cleckheaton.—Births 102; Deaths 87. Deaths are 37 more than in the corresponding quarter of last year. Small-pox has been very prevalent, and caused 20 deaths (19 without previous vaccination and the other without effectual vaccination).

499; 8. Bradford; Thornton.—Births 143; Deaths 71. Small-pox has been and still is very prevalent. Out of 8 cases which have proved fatal 6 have been without previous vaccination.
500; 6. Hunslet; Holbeck.—Births 180; Deaths 145. Scarlatina has been prevalent and

502; 2. Dewsbury; Batley.—Births 100; Deaths 74. The deaths are above the average owing to the prevalence of small-pox and scarlatina, and also, to a small extent, of typhus.

504; 4. Pontefract; Pontefract.—Births 124; Deaths 91. Scarlatina has been very prevalent,

and very fatal to young children.

505; 2. Barnsley, Barnsley.—Births 218; Deaths 84. It will be seen that there is a decrease in the deaths amounting to 68 on the same quarter of last year. To account for this I have made frequent inquiries of medical men, manufacturers, and the labouring class in my journeys through the district, and the only explanation I can get is a very satisfactory one: that the labouring population both in the coal and linen trade have for some months been fully employed. The linen trade is always best in winter, and I am informed it has not been so good in Barnsley for many years as at present. Epidemics, which were fatal in the corresponding quarter of 1851, have nearly disappeared, though the weather cannot be regarded as favourable to health.

507; 4. ECCLESALL BIERLOW; Ecclesall Bierlow.—Births 287; Deaths 179. The births, though more than in many previous quarters, are probably not more numerous in proportion to population, which is increased in consequence of the occupation of newly erected houses that have sprung up on

all sides.

36. EAST RIDING.

518; 4. Beverley; Leven.—Births 13; Deaths 9. Sickness is much prevailing, but not very fatal. Scarlatina and influenza.

519; 4. Sculcoates; Hessle.—Births 8; Deaths 27. Hessle has suffered more from scarlatina during this and the preceding quarter than any village in this neighbourhood. Sanatory improvement is, however, under consideration, but up to the present time it has met with much opposition. Some of the smaller houses in the town are very deficient in house drainage, and this, with accumulations of manure arising from the keeping of pigs, &c. in very confined yards, must be very productive of disease.

519; 7. Sculcoates; East.—Births 110; Deaths 79. Nineteen deaths from scarlatina have been registered.

520; 3. Hull; Myton.—Births 294; Deaths 267. The deaths above the average. There have been from dysentery 14 deaths, diarrhœa 11, scarlatina 51, other fevers 11.

522; 1. Skirlaugh; Humbleton.—Births 22; Deaths 21. Deaths above the average; 13 from scarlatina.

37. NORTH RIDING.

525; 2. Scarborough; Scarborough.—Births 129; Deaths 123. Compared with the corresponding quarter for 1851 there is an increase of 45 deaths. This arises from the prevalence of small-pox and scarlatina. 24 deaths from small-pox, 18 from scarlatina. I have taken a good deal of pains in ascertaining whether any deaths from small-pox have occurred to persons who had been vaccinated, and I believe that not a single death has occurred. Small-pox was prevalent, and the great quantity of rain that has fallen has no doubt tended to increase it. Among the lower class great numbers are indifferent to vaccination, and many others are prejudiced against it.

534; 2. NORTHALLERTON; Northallerton.—Births 74; Deaths 32. Though the deaths are considerably below the average, there has been much sickness from typhus, typhoid fever, continued

fever, measles, influenza, &c.

537; I. ASKRIGG; Askrigg.—Births 20; Deaths 15. The deaths are below the average, although scarlatina has prevailed to a considerable extent, and was fatal in 5 cases.

X. NORTHERN DIVISION.—38. DURHAM.

540; I. DARLINGTON; Darlington.—Births 135; Deaths 124. The deaths are considerably above the average, from diarrhea in the former part, and scarlatina in the latter part of the quarter.

541; 1. STOCKTON; Yarm.—Births 160; Deaths 60. Deaths about the average. Typhus has prevailed to some extent in Middlesbrough; 5 deaths having occurred from this disease, and 2 from scarlatina maligna.

545; I. DURHAM; Tanfield.—Births 46; Deaths 49. Deaths above the average from scarlatina. 545; 3. Durham; St. Oswald.—Births 137; Deaths 64. Deaths below the average. Fever and hooping-cough have been prevalent.

545; 4. DURHAM; St. Nicholas.—Births 243; Deaths 118. The deaths are below the average. Typhus has been very prevalent, and many persons have died. Hooping-cough has also prevailed much.

546; I. Easington; Easington.—Births 217; Deaths 114. Scarlatina has been very prevalent and fatal. The cases have mostly been at a newly erected colliery village built on a clayey soil, with very imperfect drainage.

548; 2. CHESTER-LE-STREET; Harraton.—Births 107; Deaths 75. Small-pox and scarlatina

have prevailed.

550; 1. South Shields; Westoe.—Births 262; Deaths 166. Fevers have prevailed. Scarlatina was fatal in 35 cases.

551; 3. GATESHEAD; Whickham.—Births 41; Deaths 44. The deaths considerably over the

average, owing to the prevalence of scarlatina.

551; 4. GATESHEAD; Winlaton.—Births 80; Deaths 89. Scarlatina has prevailed to a fearful extent in the district, and especially in the township of Winlaton. It is supposed by medical authorities to arise from the long continuance of wet weather, although much of the land is thorough drained near the village of Winlaton, but much of the haugh land in the lower part of the township has long been covered with water.

39. NORTHUMBERLAND.

552; 2. Newcastle-upon-Tyne; St. Andrew.—Births 109; Deaths 105. The deaths are above the average by about 20 per cent. The cause seems to be the prevalence of malignant scarlatina; the disease originating in unnaturally warm and open weather and incessant damp.

552; 3. NEWCASTLE-UPON-TYNE; St. Nicholas.—Births 117; Deaths 151. Scarlatina and

bronchitis have been very prevalent.

552; 5. Newcastle-upon-Tyne; Byker.—Births 109; Deaths 99. Deaths above the average.

Scarlatina has been prevalent and fatal in 28 cases.

553; I. TYNEMOUTH; Wallsend.—Births 47; Deaths 47. The deaths are about 20 above the average. Twenty-six children have died below 7 years of age. Inflammation and scarlatina have been the principal causes.

553; 2. TYNEMOUTH; North Shields.—Births 138; Deaths 93. Scarlatina has been very prevalent.
553; 3. TYNEMOUTH; Tynemouth.—Births 182; Deaths 155. The deaths have been far above any of the highest returns of all preceding quarters, except only that ending September 30, 1849, and the only ostensible cause of so great an increase in the present case is the prevalence of scar-

latina, 32 cases of which present themselves.

553; 6. TYNEMOUTH; Blyth.—Births 100; Deaths 80. Scarlatina has been very prevalent, and nearly 30 deaths have taken place from that cause. In the quarter ending December 1851 only 46 deaths were registered. The great increase may be accounted for by the long continuance of wet weather, a humid state of the atmosphere being favourable to the propagation of eruptive fevers.

558; 1. Morpeth: Morpeth.—Births 72; Deaths 32. Six deaths resulted from scarlatina, which

with typhus prevails extensively.

561; 1. Berwick-upon-Tweed; Islandshire.—Births 35; Deaths 21. The deaths are above the average. Typhus and scarlatina prevailed.

41. WESTMORLAND.

573; 1. East Ward; Appleby.—Births 47; Deaths 21. Increase of births caused by an influx of agricultural labourers on account of draining and other improvements going on.

575; I. KENDAL; Ambleside.—Births 67; Deaths 41. Scarlatina still continues very prevalent; it was fatal in 15 cases.

XI. WELSH DIVISION. 42. MONMOUTHSHIRE.

580; 2. Newport; Newport.—Births 180; Deaths 135. Small-pox has largely prevailed, and a great number of adults have been attacked by the disease, but the deaths that have resulted from it have been confined to children who had not been previously vaccinated.

43. SOUTH WALES.

\$ 581; 1. CARDIFF; Caerphilly.—Births 78; Deaths 54. Small-pox has been prevalent, and

several deaths have occurred.

581; 2. CARDIFF; Cardiff.—Births 251; Deaths 215. Deaths exceed the average. Small-pox has been and still continues to be prevalent and fatal, no less than 35 deaths during the past quarter having occurred from this cause alone, whilst only six cases of fever have ended fatally within the

same period, a number far below the average. It would appear that whilst one particular epidemic rages, others of the same class become less frequent. This was peculiarly observable during the last visitation of cholera, which appeared to absorb the ordinary epidemic diseases that are always more or less prevalent in this district.

581; 4. CARDIFF; Llantrisaint.—Births 95; Deaths 67. Small-pox has been very prevalent. 583; 2. BRIDGEND; Cowbridge.—Births 31; Deaths 30. Small-pox has been very prevalent, but fatal in only 2 cases; one that of a child 4 years old, not vaccinated, the other of an adult, 45 years, vaccinated with good effect about 40 years ago.

584; 2. NEATH; Neath.—Births 108; Deaths 87. The deaths are on the increase. I have

registered 21 cases of small-pox. In 5 of these vaccination had been previously performed.
585; 3. Swansea, Births 229; Deaths 154. Small-pox still prevails, but is now

confined principally to the upper part of the town. Deaths from it 26; only 3 to persons vaccinated 590; 6. Narberth; Begelly.—Births 41; Deaths 27. Small-pox has greatly prevailed, and several deaths have been caused thereby. I am of opinion that a prejudice prevails in the minds of the common people against vaccination, and therefore they neglect this necessary precaution. I am

the common people against vaccination, and therefore they neglect this necessary precaution. I am always endeavouring to remove the prejudice in the parishes committed to my charge as clergyman, and elsewhere as registrar, but I cannot succeed to my own satisfaction in removing it. Neither registration of birth, nor vaccination after, will ever be complete until there be some compulsory measures used to enforce them.

44. NORTH WALES.

611; 4. WREXHAM; Wrexham.—Births 105; Deaths 90. Forty-one of the deaths were in Wrexham, where most of the epidemics prevailed. The sanatory state of Wrexham is but slowly improving. Some parts of the town are in a most filthy state. The greater part of the drains are barely deep enough to admit of a full grown rat to run through with its body erect. It is not uncommon to see in a thunderstorm one or more of the drains burst, when a hydraulic spout will throw up filth of the filthiest stench; still the drains remain the same with only a patch.

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